

Potential Flow Forces and Moments from Selected Ship Flow Codes in a Set of Numerical Experiments

Appendix R — Minimum and Maximum Plots for 0-DOF Motion of Model 5514 in Waves

Report Documentation Page				Form Approved OMB No. 0704-0188	
Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.					
1. REPORT DATE 01 MAY 2008		2. REPORT TYPE N/A		3. DATES COVERED -	
4. TITLE AND SUBTITLE Potential Flow Forces and Moments from Selected Ship Flow Codes in a Set of Numerical Experiments Appendix R Minimum and Maximum Plots for 0-DOF Motion of Model 5514 in Waves				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Naval Surface Warfare Center Carderock Division 9500 Macarthur Boulevard West Bethesda, MD 20817-5700				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release, distribution unlimited					
13. SUPPLEMENTARY NOTES See also ADM002134. Potential Flow Forces and Moments from Selected Ship Flow Codes in a Set of Numerical Experiments					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT UU	18. NUMBER OF PAGES 1108	19a. NAME OF RESPONSIBLE PERSON
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified			

Contents

	<i>Page</i>
Figures	R-2
Tables	R-18
Introduction	R-148

Figures

	<i>Page</i>
R-1. Minimum and Maximum of $(\eta)^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0.	R-149
R-2. Minimum and Maximum of $(\eta)^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.	R-153
R-3. Minimum and Maximum of $(\eta)^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.	R-157
R-4. Minimum and Maximum of $(\eta)^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.	R-161
R-5. Minimum and Maximum of $(\eta)^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.	R-165
R-6. Minimum and Maximum of $(\eta)^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.3.	R-169
R-7. Minimum and Maximum of $(\eta)^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.	R-173
R-8. Minimum and Maximum of $(\eta)^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.	R-177
R-9. Minimum and Maximum of $(\eta)^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.	R-181
R-10. Minimum and Maximum of $(\eta)^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.	R-185
R-11. Minimum and Maximum of $(F_x^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0.	R-189

TASK 2/DIFFRACTION/MODEL 5514

R-12.	Minimum and Maximum of $(F_x^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-193
R-13.	Minimum and Maximum of $(F_x^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-197
R-14.	Minimum and Maximum of $(F_x^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-201
R-15.	Minimum and Maximum of $(F_x^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-205
R-16.	Minimum and Maximum of $(F_x^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.3.	R-209
R-17.	Minimum and Maximum of $(F_x^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-213
R-18.	Minimum and Maximum of $(F_x^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-217
R-19.	Minimum and Maximum of $(F_x^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-221
R-20.	Minimum and Maximum of $(F_x^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-225
R-21.	Minimum and Maximum of $(F_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-229
R-22.	Minimum and Maximum of $(F_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-233
R-23.	Minimum and Maximum of $(F_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-237
R-24.	Minimum and Maximum of $(F_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-241
R-25.	Minimum and Maximum of $(F_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-245

TASK 2/DIFFRACTION/MODEL 5514

R-26.	Minimum and Maximum of $(F_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-249
R-27.	Minimum and Maximum of $(F_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-253
R-28.	Minimum and Maximum of $(F_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-257
R-29.	Minimum and Maximum of $(F_z^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0.	R-261
R-30.	Minimum and Maximum of $(F_z^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-265
R-31.	Minimum and Maximum of $(F_z^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-269
R-32.	Minimum and Maximum of $(F_z^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-273
R-33.	Minimum and Maximum of $(F_z^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-277
R-34.	Minimum and Maximum of $(F_z^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.3.	R-281
R-35.	Minimum and Maximum of $(F_z^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-285
R-36.	Minimum and Maximum of $(F_z^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-289
R-37.	Minimum and Maximum of $(F_z^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-293
R-38.	Minimum and Maximum of $(F_z^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-297
R-39.	Minimum and Maximum of $(M_x^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-301

TASK 2/DIFFRACTION/MODEL 5514

R-40.	Minimum and Maximum of $(M_x^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-305
R-41.	Minimum and Maximum of $(M_x^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-309
R-42.	Minimum and Maximum of $(M_x^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-313
R-43.	Minimum and Maximum of $(M_x^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-317
R-44.	Minimum and Maximum of $(M_x^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-321
R-45.	Minimum and Maximum of $(M_x^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-325
R-46.	Minimum and Maximum of $(M_x^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-329
R-47.	Minimum and Maximum of $(M_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0.	R-333
R-48.	Minimum and Maximum of $(M_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-337
R-49.	Minimum and Maximum of $(M_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-341
R-50.	Minimum and Maximum of $(M_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-346
R-51.	Minimum and Maximum of $(M_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-350
R-52.	Minimum and Maximum of $(M_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.3.	R-354
R-53.	Minimum and Maximum of $(M_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-358

TASK 2/DIFFRACTION/MODEL 5514

R-54.	Minimum and Maximum of $(M_y^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-362
R-55.	Minimum and Maximum of $(M_y^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-367
R-56.	Minimum and Maximum of $(M_y^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-371
R-57.	Minimum and Maximum of $(M_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-375
R-58.	Minimum and Maximum of $(M_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-379
R-59.	Minimum and Maximum of $(M_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-383
R-60.	Minimum and Maximum of $(M_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-387
R-61.	Minimum and Maximum of $(M_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-391
R-62.	Minimum and Maximum of $(M_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-395
R-63.	Minimum and Maximum of $(M_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-399
R-64.	Minimum and Maximum of $(M_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-403
R-65.	Minimum and Maximum of $(F_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0.	R-407
R-66.	Minimum and Maximum of $(F_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-411
R-67.	Minimum and Maximum of $(F_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-415

TASK 2/DIFFRACTION/MODEL 5514

R-68.	Minimum and Maximum of $(F_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-419
R-69.	Minimum and Maximum of $(F_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-423
R-70.	Minimum and Maximum of $(F_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.3.	R-427
R-71.	Minimum and Maximum of $(F_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-431
R-72.	Minimum and Maximum of $(F_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-435
R-73.	Minimum and Maximum of $(F_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-439
R-74.	Minimum and Maximum of $(F_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-443
R-75.	Minimum and Maximum of $(F_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-447
R-76.	Minimum and Maximum of $(F_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-452
R-77.	Minimum and Maximum of $(F_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-457
R-78.	Minimum and Maximum of $(F_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-462
R-79.	Minimum and Maximum of $(F_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-467
R-80.	Minimum and Maximum of $(F_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-472
R-81.	Minimum and Maximum of $(F_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-477

TASK 2/DIFFRACTION/MODEL 5514

R-82.	Minimum and Maximum of $(F_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-482
R-83.	Minimum and Maximum of $(F_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0.	R-487
R-84.	Minimum and Maximum of $(F_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-491
R-85.	Minimum and Maximum of $(F_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-495
R-86.	Minimum and Maximum of $(F_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-499
R-87.	Minimum and Maximum of $(F_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-503
R-88.	Minimum and Maximum of $(F_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.3.	R-507
R-89.	Minimum and Maximum of $(F_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-511
R-90.	Minimum and Maximum of $(F_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-515
R-91.	Minimum and Maximum of $(F_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-519
R-92.	Minimum and Maximum of $(F_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-523
R-93.	Minimum and Maximum of $(M_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-527
R-94.	Minimum and Maximum of $(M_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-531
R-95.	Minimum and Maximum of $(M_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-535

TASK 2/DIFFRACTION/MODEL 5514

R-96.	Minimum and Maximum of $(M_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-539
R-97.	Minimum and Maximum of $(M_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-543
R-98.	Minimum and Maximum of $(M_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-547
R-99.	Minimum and Maximum of $(M_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-551
R-100.	Minimum and Maximum of $(M_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-555
R-101.	Minimum and Maximum of $(M_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0.	R-559
R-102.	Minimum and Maximum of $(M_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-564
R-103.	Minimum and Maximum of $(M_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-569
R-104.	Minimum and Maximum of $(M_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-574
R-105.	Minimum and Maximum of $(M_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-579
R-106.	Minimum and Maximum of $(M_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.3.	R-584
R-107.	Minimum and Maximum of $(M_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-589
R-108.	Minimum and Maximum of $(M_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-594
R-109.	Minimum and Maximum of $(M_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-599

TASK 2/DIFFRACTION/MODEL 5514

R-110.	Minimum and Maximum of $(M_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-604
R-111.	Minimum and Maximum of $(M_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-609
R-112.	Minimum and Maximum of $(M_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-613
R-113.	Minimum and Maximum of $(M_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-617
R-114.	Minimum and Maximum of $(M_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-621
R-115.	Minimum and Maximum of $(M_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-625
R-116.	Minimum and Maximum of $(M_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-629
R-117.	Minimum and Maximum of $(M_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-633
R-118.	Minimum and Maximum of $(M_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-637
R-119.	Minimum and Maximum of $(F_x^{\text{fk}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0.	R-641
R-120.	Minimum and Maximum of $(F_x^{\text{fk}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-645
R-121.	Minimum and Maximum of $(F_x^{\text{fk}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-649
R-122.	Minimum and Maximum of $(F_x^{\text{fk}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-653
R-123.	Minimum and Maximum of $(F_x^{\text{fk}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-657

TASK 2/DIFFRACTION/MODEL 5514

R-124.	Minimum and Maximum of $(F_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.3.	R-661
R-125.	Minimum and Maximum of $(F_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-665
R-126.	Minimum and Maximum of $(F_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-669
R-127.	Minimum and Maximum of $(F_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-673
R-128.	Minimum and Maximum of $(F_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-677
R-129.	Minimum and Maximum of $(F_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-681
R-130.	Minimum and Maximum of $(F_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-686
R-131.	Minimum and Maximum of $(F_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-691
R-132.	Minimum and Maximum of $(F_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-696
R-133.	Minimum and Maximum of $(F_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-701
R-134.	Minimum and Maximum of $(F_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-706
R-135.	Minimum and Maximum of $(F_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-711
R-136.	Minimum and Maximum of $(F_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-716
R-137.	Minimum and Maximum of $(F_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0.	R-721

TASK 2/DIFFRACTION/MODEL 5514

R-138.	Minimum and Maximum of $(F_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-725
R-139.	Minimum and Maximum of $(F_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-729
R-140.	Minimum and Maximum of $(F_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-733
R-141.	Minimum and Maximum of $(F_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-737
R-142.	Minimum and Maximum of $(F_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.3.	R-741
R-143.	Minimum and Maximum of $(F_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-745
R-144.	Minimum and Maximum of $(F_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-749
R-145.	Minimum and Maximum of $(F_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-753
R-146.	Minimum and Maximum of $(F_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-757
R-147.	Minimum and Maximum of $(M_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-761
R-148.	Minimum and Maximum of $(M_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-765
R-149.	Minimum and Maximum of $(M_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-769
R-150.	Minimum and Maximum of $(M_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-773
R-151.	Minimum and Maximum of $(M_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-777

TASK 2/DIFFRACTION/MODEL 5514

R-152.	Minimum and Maximum of $(M_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-781
R-153.	Minimum and Maximum of $(M_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-785
R-154.	Minimum and Maximum of $(M_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-789
R-155.	Minimum and Maximum of $(M_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0.	R-793
R-156.	Minimum and Maximum of $(M_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-798
R-157.	Minimum and Maximum of $(M_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-803
R-158.	Minimum and Maximum of $(M_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-808
R-159.	Minimum and Maximum of $(M_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-813
R-160.	Minimum and Maximum of $(M_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.3.	R-818
R-161.	Minimum and Maximum of $(M_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-823
R-162.	Minimum and Maximum of $(M_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-828
R-163.	Minimum and Maximum of $(M_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-833
R-164.	Minimum and Maximum of $(M_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-838
R-165.	Minimum and Maximum of $(M_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-843

TASK 2/DIFFRACTION/MODEL 5514

R-166.	Minimum and Maximum of $(M_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-847
R-167.	Minimum and Maximum of $(M_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-851
R-168.	Minimum and Maximum of $(M_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-855
R-169.	Minimum and Maximum of $(M_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-859
R-170.	Minimum and Maximum of $(M_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-863
R-171.	Minimum and Maximum of $(M_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-867
R-172.	Minimum and Maximum of $(M_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-871
R-173.	Minimum and Maximum of $(F_x^{dif})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0.	R-875
R-174.	Minimum and Maximum of $(F_x^{dif})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-879
R-175.	Minimum and Maximum of $(F_x^{dif})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-883
R-176.	Minimum and Maximum of $(F_x^{dif})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-887
R-177.	Minimum and Maximum of $(F_x^{dif})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-891
R-178.	Minimum and Maximum of $(F_x^{dif})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.3.	R-895
R-179.	Minimum and Maximum of $(F_x^{dif})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-899

TASK 2/DIFFRACTION/MODEL 5514

R-180.	Minimum and Maximum of $(F_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-903
R-181.	Minimum and Maximum of $(F_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-907
R-182.	Minimum and Maximum of $(F_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-911
R-183.	Minimum and Maximum of $(F_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-915
R-184.	Minimum and Maximum of $(F_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-920
R-185.	Minimum and Maximum of $(F_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-925
R-186.	Minimum and Maximum of $(F_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-930
R-187.	Minimum and Maximum of $(F_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-935
R-188.	Minimum and Maximum of $(F_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-940
R-189.	Minimum and Maximum of $(F_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-945
R-190.	Minimum and Maximum of $(F_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-950
R-191.	Minimum and Maximum of $(F_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0.	R-955
R-192.	Minimum and Maximum of $(F_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-959
R-193.	Minimum and Maximum of $(F_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-963

TASK 2/DIFFRACTION/MODEL 5514

R-194.	Minimum and Maximum of $(F_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-967
R-195.	Minimum and Maximum of $(F_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-971
R-196.	Minimum and Maximum of $(F_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.3.	R-975
R-197.	Minimum and Maximum of $(F_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-979
R-198.	Minimum and Maximum of $(F_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-983
R-199.	Minimum and Maximum of $(F_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-987
R-200.	Minimum and Maximum of $(F_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-991
R-201.	Minimum and Maximum of $(M_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-995
R-202.	Minimum and Maximum of $(M_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-999
R-203.	Minimum and Maximum of $(M_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-1003
R-204.	Minimum and Maximum of $(M_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-1007
R-205.	Minimum and Maximum of $(M_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-1011
R-206.	Minimum and Maximum of $(M_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-1015
R-207.	Minimum and Maximum of $(M_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-1019

TASK 2/DIFFRACTION/MODEL 5514

R-208.	Minimum and Maximum of $(M_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-1023
R-209.	Minimum and Maximum of $(M_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0.	R-1027
R-210.	Minimum and Maximum of $(M_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-1032
R-211.	Minimum and Maximum of $(M_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-1037
R-212.	Minimum and Maximum of $(M_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-1042
R-213.	Minimum and Maximum of $(M_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-1047
R-214.	Minimum and Maximum of $(M_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.3.	R-1052
R-215.	Minimum and Maximum of $(M_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-1057
R-216.	Minimum and Maximum of $(M_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-1062
R-217.	Minimum and Maximum of $(M_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-1067
R-218.	Minimum and Maximum of $(M_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-1072
R-219.	Minimum and Maximum of $(M_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0.	R-1077
R-220.	Minimum and Maximum of $(M_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0.	R-1081
R-221.	Minimum and Maximum of $(M_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0.	R-1085

TASK 2/DIFFRACTION/MODEL 5514

R-222.	Minimum and Maximum of $(M_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0.	R-1089
R-223.	Minimum and Maximum of $(M_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.3.	R-1093
R-224.	Minimum and Maximum of $(M_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.3.	R-1097
R-225.	Minimum and Maximum of $(M_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.3.	R-1101
R-226.	Minimum and Maximum of $(M_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.3.	R-1105

Tables

	<i>Page</i>
R-1. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-150
R-2. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-150
R-3. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-150
R-4. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-151
R-5. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-151
R-6. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-151
R-7. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-152
R-8. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-152

TASK 2/DIFFRACTION/MODEL 5514

R-9.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-154
R-10.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-154
R-11.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-154
R-12.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-155
R-13.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-155
R-14.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-155
R-15.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-156
R-16.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-156
R-17.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-158
R-18.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-158
R-19.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-158
R-20.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-159
R-21.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-159
R-22.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-159

TASK 2/DIFFRACTION/MODEL 5514

R-23.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-160
R-24.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-160
R-25.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-162
R-26.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-162
R-27.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-162
R-28.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-163
R-29.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-163
R-30.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-163
R-31.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-164
R-32.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-164
R-33.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-166
R-34.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-166
R-35.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-166
R-36.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-167

TASK 2/DIFFRACTION/MODEL 5514

R-37.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-167
R-38.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-167
R-39.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-168
R-40.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-168
R-41.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-170
R-42.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-170
R-43.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-170
R-44.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-171
R-45.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-171
R-46.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-171
R-47.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-172
R-48.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-172
R-49.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-174
R-50.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-174

TASK 2/DIFFRACTION/MODEL 5514

R-51.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-174
R-52.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-175
R-53.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-175
R-54.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-175
R-55.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-176
R-56.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-176
R-57.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-178
R-58.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-178
R-59.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-178
R-60.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-179
R-61.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-179
R-62.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-179
R-63.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-180
R-64.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-180

TASK 2/DIFFRACTION/MODEL 5514

R-65.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-182
R-66.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-182
R-67.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-182
R-68.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-183
R-69.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-183
R-70.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-183
R-71.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-184
R-72.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-184
R-73.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-186
R-74.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-186
R-75.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-186
R-76.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-187
R-77.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-187
R-78.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-187

TASK 2/DIFFRACTION/MODEL 5514

R-79.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-188
R-80.	Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-188
R-81.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-190
R-82.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-190
R-83.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-190
R-84.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-191
R-85.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-191
R-86.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-191
R-87.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-192
R-88.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-192
R-89.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-194
R-90.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-194
R-91.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-194
R-92.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-195

TASK 2/DIFFRACTION/MODEL 5514

R-93.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-195
R-94.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-195
R-95.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-196
R-96.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-196
R-97.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-198
R-98.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-198
R-99.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-198
R-100.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-199
R-101.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-199
R-102.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-199
R-103.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-200
R-104.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-200
R-105.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-202
R-106.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-202

TASK 2/DIFFRACTION/MODEL 5514

R-107.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-202
R-108.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-203
R-109.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-203
R-110.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-203
R-111.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-204
R-112.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-204
R-113.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-206
R-114.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-206
R-115.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-206
R-116.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-207
R-117.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-207
R-118.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-207
R-119.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-208
R-120.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-208

TASK 2/DIFFRACTION/MODEL 5514

R-121.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-210
R-122.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-210
R-123.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-210
R-124.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-211
R-125.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-211
R-126.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-211
R-127.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-212
R-128.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-212
R-129.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-214
R-130.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-214
R-131.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-214
R-132.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-215
R-133.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-215
R-134.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-215

TASK 2/DIFFRACTION/MODEL 5514

R-135.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-216
R-136.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-216
R-137.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-218
R-138.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-218
R-139.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-218
R-140.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-219
R-141.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-219
R-142.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-219
R-143.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-220
R-144.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-220
R-145.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-222
R-146.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-222
R-147.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-222
R-148.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-223

TASK 2/DIFFRACTION/MODEL 5514

R-149.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-223
R-150.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-223
R-151.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-224
R-152.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-224
R-153.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-226
R-154.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-226
R-155.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-226
R-156.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-227
R-157.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-227
R-158.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-227
R-159.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-228
R-160.	Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-228
R-161.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-230
R-162.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-230

TASK 2/DIFFRACTION/MODEL 5514

R-163.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-230
R-164.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-231
R-165.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-231
R-166.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-231
R-167.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-232
R-168.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-232
R-169.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-234
R-170.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-234
R-171.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-234
R-172.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-235
R-173.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-235
R-174.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-235
R-175.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-236
R-176.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-236

TASK 2/DIFFRACTION/MODEL 5514

R-177.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-238
R-178.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-238
R-179.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-238
R-180.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-239
R-181.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-239
R-182.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-239
R-183.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-240
R-184.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-240
R-185.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-242
R-186.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-242
R-187.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-242
R-188.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-243
R-189.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-243
R-190.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-243

TASK 2/DIFFRACTION/MODEL 5514

R-191.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-244
R-192.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-244
R-193.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-246
R-194.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-246
R-195.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-246
R-196.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-247
R-197.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-247
R-198.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-247
R-199.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-248
R-200.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-248
R-201.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-250
R-202.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-250
R-203.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-250
R-204.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-251

TASK 2/DIFFRACTION/MODEL 5514

R-205.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-251
R-206.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-251
R-207.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-252
R-208.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-252
R-209.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-254
R-210.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-254
R-211.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-254
R-212.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-255
R-213.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-255
R-214.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-255
R-215.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-256
R-216.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-256
R-217.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-258
R-218.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-258

TASK 2/DIFFRACTION/MODEL 5514

R-219.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-258
R-220.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-259
R-221.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-259
R-222.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-259
R-223.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-260
R-224.	Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-260
R-225.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-262
R-226.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-262
R-227.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-262
R-228.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-263
R-229.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-263
R-230.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-263
R-231.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-264
R-232.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-264

TASK 2/DIFFRACTION/MODEL 5514

R-233.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-266
R-234.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-266
R-235.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-266
R-236.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-267
R-237.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-267
R-238.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-267
R-239.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-268
R-240.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-268
R-241.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-270
R-242.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-270
R-243.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-270
R-244.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-271
R-245.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-271
R-246.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-271

TASK 2/DIFFRACTION/MODEL 5514

R-247.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-272
R-248.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-272
R-249.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-274
R-250.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-274
R-251.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-274
R-252.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-275
R-253.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-275
R-254.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-275
R-255.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-276
R-256.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-276
R-257.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-278
R-258.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-278
R-259.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-278
R-260.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-279

TASK 2/DIFFRACTION/MODEL 5514

R-261.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-279
R-262.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-279
R-263.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-280
R-264.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-280
R-265.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-282
R-266.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-282
R-267.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-282
R-268.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-283
R-269.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-283
R-270.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-283
R-271.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-284
R-272.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-284
R-273.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-286
R-274.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-286

TASK 2/DIFFRACTION/MODEL 5514

R-275.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-286
R-276.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-287
R-277.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-287
R-278.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-287
R-279.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-288
R-280.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-288
R-281.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-290
R-282.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-290
R-283.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-290
R-284.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-291
R-285.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-291
R-286.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-291
R-287.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-292
R-288.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-292

TASK 2/DIFFRACTION/MODEL 5514

R-289.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-294
R-290.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-294
R-291.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-294
R-292.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-295
R-293.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-295
R-294.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-295
R-295.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-296
R-296.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-296
R-297.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-298
R-298.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-298
R-299.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-298
R-300.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-299
R-301.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-299
R-302.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-299

TASK 2/DIFFRACTION/MODEL 5514

R-303.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-300
R-304.	Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-300
R-305.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-302
R-306.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-302
R-307.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-302
R-308.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-303
R-309.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-303
R-310.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-303
R-311.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-304
R-312.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-304
R-313.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-306
R-314.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-306
R-315.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-306
R-316.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-307

TASK 2/DIFFRACTION/MODEL 5514

R-317.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-307
R-318.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-307
R-319.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-308
R-320.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-308
R-321.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-310
R-322.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-310
R-323.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-310
R-324.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-311
R-325.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-311
R-326.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-311
R-327.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-312
R-328.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-312
R-329.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-314
R-330.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-314

TASK 2/DIFFRACTION/MODEL 5514

R-331.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-314
R-332.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-315
R-333.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-315
R-334.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-315
R-335.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-316
R-336.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-316
R-337.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-318
R-338.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-318
R-339.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-318
R-340.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-319
R-341.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-319
R-342.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-319
R-343.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-320
R-344.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-320

TASK 2/DIFFRACTION/MODEL 5514

R-345.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-322
R-346.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-322
R-347.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-322
R-348.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-323
R-349.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-323
R-350.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-323
R-351.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-324
R-352.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-324
R-353.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-326
R-354.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-326
R-355.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-326
R-356.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-327
R-357.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-327
R-358.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-327

TASK 2/DIFFRACTION/MODEL 5514

R-359.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-328
R-360.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-328
R-361.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-330
R-362.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-330
R-363.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-330
R-364.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-331
R-365.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-331
R-366.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-331
R-367.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-332
R-368.	Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-332
R-369.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-334
R-370.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-334
R-371.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-334
R-372.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-335

TASK 2/DIFFRACTION/MODEL 5514

R-373.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-335
R-374.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-335
R-375.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-336
R-376.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-336
R-377.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-338
R-378.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-338
R-379.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-338
R-380.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-339
R-381.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-339
R-382.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-339
R-383.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-340
R-384.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-340
R-385.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-342
R-386.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-342

TASK 2/DIFFRACTION/MODEL 5514

R-387.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-343
R-388.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-343
R-389.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-343
R-390.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-344
R-391.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-344
R-392.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-345
R-393.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-347
R-394.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-347
R-395.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-348
R-396.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-348
R-397.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-348
R-398.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-349
R-399.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-349
R-400.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-349

TASK 2/DIFFRACTION/MODEL 5514

R-401.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-351
R-402.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-351
R-403.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-351
R-404.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-352
R-405.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-352
R-406.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-352
R-407.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-353
R-408.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-353
R-409.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-355
R-410.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-355
R-411.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-355
R-412.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-356
R-413.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-356
R-414.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-356

TASK 2/DIFFRACTION/MODEL 5514

R-415.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-357
R-416.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-357
R-417.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-359
R-418.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-359
R-419.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-360
R-420.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-360
R-421.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-360
R-422.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-361
R-423.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-361
R-424.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-361
R-425.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-363
R-426.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-363
R-427.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-364
R-428.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-364

TASK 2/DIFFRACTION/MODEL 5514

R-429.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-364
R-430.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-365
R-431.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-365
R-432.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-366
R-433.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-368
R-434.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-368
R-435.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-369
R-436.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-369
R-437.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-369
R-438.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-370
R-439.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-370
R-440.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-370
R-441.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-372
R-442.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-372

TASK 2/DIFFRACTION/MODEL 5514

R-443.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-372
R-444.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-373
R-445.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-373
R-446.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-373
R-447.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-374
R-448.	Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-374
R-449.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-376
R-450.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-376
R-451.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-376
R-452.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-377
R-453.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-377
R-454.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-377
R-455.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-378
R-456.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-378

TASK 2/DIFFRACTION/MODEL 5514

R-457.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-380
R-458.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-380
R-459.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-380
R-460.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-381
R-461.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-381
R-462.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-381
R-463.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-382
R-464.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-382
R-465.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-384
R-466.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-384
R-467.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-384
R-468.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-385
R-469.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-385
R-470.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-385

TASK 2/DIFFRACTION/MODEL 5514

R-471.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-386
R-472.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-386
R-473.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-388
R-474.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-388
R-475.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-388
R-476.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-389
R-477.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-389
R-478.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-389
R-479.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-390
R-480.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-390
R-481.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-392
R-482.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-392
R-483.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-392
R-484.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-393

TASK 2/DIFFRACTION/MODEL 5514

R-485.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-393
R-486.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-393
R-487.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-394
R-488.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-394
R-489.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-396
R-490.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-396
R-491.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-396
R-492.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-397
R-493.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-397
R-494.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-397
R-495.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-398
R-496.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-398
R-497.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-400
R-498.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-400

TASK 2/DIFFRACTION/MODEL 5514

R-499.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-400
R-500.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-401
R-501.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-401
R-502.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-401
R-503.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-402
R-504.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-402
R-505.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-404
R-506.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-404
R-507.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-404
R-508.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-405
R-509.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-405
R-510.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-405
R-511.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-406
R-512.	Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-406

TASK 2/DIFFRACTION/MODEL 5514

R-513.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-408
R-514.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-408
R-515.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-408
R-516.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-409
R-517.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-409
R-518.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-409
R-519.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-410
R-520.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-410
R-521.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-412
R-522.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-412
R-523.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-412
R-524.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-413
R-525.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-413
R-526.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-413

TASK 2/DIFFRACTION/MODEL 5514

R-527.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-414
R-528.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-414
R-529.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-416
R-530.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-416
R-531.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-416
R-532.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-417
R-533.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-417
R-534.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-417
R-535.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-418
R-536.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-418
R-537.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-420
R-538.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-420
R-539.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-420
R-540.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-421

TASK 2/DIFFRACTION/MODEL 5514

R-541.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-421
R-542.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-421
R-543.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-422
R-544.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-422
R-545.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-424
R-546.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-424
R-547.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-424
R-548.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-425
R-549.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-425
R-550.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-425
R-551.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-426
R-552.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-426
R-553.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-428
R-554.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-428

TASK 2/DIFFRACTION/MODEL 5514

R-555.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-428
R-556.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-429
R-557.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-429
R-558.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-429
R-559.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-430
R-560.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-430
R-561.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-432
R-562.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-432
R-563.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-432
R-564.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-433
R-565.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-433
R-566.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-433
R-567.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-434
R-568.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-434

TASK 2/DIFFRACTION/MODEL 5514

R-569.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-436
R-570.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-436
R-571.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-436
R-572.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-437
R-573.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-437
R-574.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-437
R-575.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-438
R-576.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-438
R-577.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-440
R-578.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-440
R-579.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-440
R-580.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-441
R-581.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-441
R-582.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-441

TASK 2/DIFFRACTION/MODEL 5514

R-583.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-442
R-584.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-442
R-585.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-444
R-586.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-444
R-587.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-444
R-588.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-445
R-589.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-445
R-590.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-445
R-591.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-446
R-592.	Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-446
R-593.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-448
R-594.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-448
R-595.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-449
R-596.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-449

TASK 2/DIFFRACTION/MODEL 5514

R-597.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-450
R-598.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-450
R-599.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-451
R-600.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-451
R-601.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-453
R-602.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-453
R-603.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-454
R-604.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-454
R-605.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-455
R-606.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-455
R-607.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-456
R-608.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-456
R-609.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-458
R-610.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-458

TASK 2/DIFFRACTION/MODEL 5514

R-611.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-459
R-612.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-459
R-613.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-460
R-614.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-460
R-615.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-461
R-616.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-461
R-617.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-463
R-618.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-463
R-619.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-464
R-620.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-464
R-621.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-465
R-622.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-465
R-623.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-466
R-624.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-466

TASK 2/DIFFRACTION/MODEL 5514

R-625.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-468
R-626.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-468
R-627.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-469
R-628.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-469
R-629.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-470
R-630.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-470
R-631.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-471
R-632.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-471
R-633.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-473
R-634.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-473
R-635.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-474
R-636.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-474
R-637.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-475
R-638.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-475

TASK 2/DIFFRACTION/MODEL 5514

R-639.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-476
R-640.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-476
R-641.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-478
R-642.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-478
R-643.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-479
R-644.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-479
R-645.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-480
R-646.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-480
R-647.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-481
R-648.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-481
R-649.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-483
R-650.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-483
R-651.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-484
R-652.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-484

TASK 2/DIFFRACTION/MODEL 5514

R-653.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-485
R-654.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-485
R-655.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-486
R-656.	Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-486
R-657.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-488
R-658.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-488
R-659.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-488
R-660.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-489
R-661.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-489
R-662.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-489
R-663.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-490
R-664.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-490
R-665.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-492
R-666.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-492

TASK 2/DIFFRACTION/MODEL 5514

R-667.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-492
R-668.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-493
R-669.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-493
R-670.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-493
R-671.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-494
R-672.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-494
R-673.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-496
R-674.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-496
R-675.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-496
R-676.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-497
R-677.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-497
R-678.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-497
R-679.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-498
R-680.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-498

TASK 2/DIFFRACTION/MODEL 5514

R-681.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-500
R-682.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-500
R-683.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-500
R-684.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-501
R-685.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-501
R-686.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-501
R-687.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-502
R-688.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-502
R-689.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-504
R-690.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-504
R-691.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-504
R-692.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-505
R-693.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-505
R-694.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-505

TASK 2/DIFFRACTION/MODEL 5514

R-695.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-506
R-696.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-506
R-697.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-508
R-698.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-508
R-699.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-508
R-700.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-509
R-701.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-509
R-702.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-509
R-703.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-510
R-704.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-510
R-705.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-512
R-706.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-512
R-707.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-512
R-708.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-513

TASK 2/DIFFRACTION/MODEL 5514

R-709.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-513
R-710.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-513
R-711.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-514
R-712.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-514
R-713.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-516
R-714.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-516
R-715.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-516
R-716.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-517
R-717.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-517
R-718.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-517
R-719.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-518
R-720.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-518
R-721.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-520
R-722.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-520

TASK 2/DIFFRACTION/MODEL 5514

R-723.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-520
R-724.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-521
R-725.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-521
R-726.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-521
R-727.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-522
R-728.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-522
R-729.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-524
R-730.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-524
R-731.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-524
R-732.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-525
R-733.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-525
R-734.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-525
R-735.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-526
R-736.	Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-526

TASK 2/DIFFRACTION/MODEL 5514

R-737.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-528
R-738.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-528
R-739.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-528
R-740.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-529
R-741.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-529
R-742.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-529
R-743.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-530
R-744.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-530
R-745.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-532
R-746.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-532
R-747.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-532
R-748.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-533
R-749.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-533
R-750.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-533

TASK 2/DIFFRACTION/MODEL 5514

R-751.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-534
R-752.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-534
R-753.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-536
R-754.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-536
R-755.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-536
R-756.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-537
R-757.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-537
R-758.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-537
R-759.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-538
R-760.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-538
R-761.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-540
R-762.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-540
R-763.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-540
R-764.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-541

TASK 2/DIFFRACTION/MODEL 5514

R-765.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-541
R-766.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-541
R-767.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-542
R-768.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-542
R-769.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-544
R-770.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-544
R-771.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-544
R-772.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-545
R-773.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-545
R-774.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-545
R-775.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-546
R-776.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-546
R-777.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-548
R-778.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-548

TASK 2/DIFFRACTION/MODEL 5514

R-779.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-548
R-780.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-549
R-781.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-549
R-782.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-549
R-783.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-550
R-784.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-550
R-785.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-552
R-786.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-552
R-787.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-552
R-788.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-553
R-789.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-553
R-790.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-553
R-791.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-554
R-792.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-554

TASK 2/DIFFRACTION/MODEL 5514

R-793.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-556
R-794.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-556
R-795.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-556
R-796.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-557
R-797.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-557
R-798.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-557
R-799.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-558
R-800.	Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-558
R-801.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-560
R-802.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-560
R-803.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-561
R-804.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-561
R-805.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-562
R-806.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-562

TASK 2/DIFFRACTION/MODEL 5514

R-807.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-563
R-808.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-563
R-809.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-565
R-810.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-565
R-811.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-566
R-812.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-566
R-813.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-567
R-814.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-567
R-815.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-568
R-816.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-568
R-817.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-570
R-818.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-570
R-819.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-571
R-820.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-571

TASK 2/DIFFRACTION/MODEL 5514

R-821.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-572
R-822.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-572
R-823.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-573
R-824.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-573
R-825.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-575
R-826.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-575
R-827.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-576
R-828.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-576
R-829.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-577
R-830.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-577
R-831.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-578
R-832.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-578
R-833.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-580
R-834.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-580

TASK 2/DIFFRACTION/MODEL 5514

R-835.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-581
R-836.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-581
R-837.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-582
R-838.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-582
R-839.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-583
R-840.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-583
R-841.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-585
R-842.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-585
R-843.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-586
R-844.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-586
R-845.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-587
R-846.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-587
R-847.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-588
R-848.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-588

TASK 2/DIFFRACTION/MODEL 5514

R-849.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-590
R-850.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-590
R-851.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-591
R-852.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-591
R-853.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-592
R-854.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-592
R-855.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-593
R-856.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-593
R-857.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-595
R-858.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-595
R-859.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-596
R-860.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-596
R-861.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-597
R-862.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-597

TASK 2/DIFFRACTION/MODEL 5514

R-863.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-598
R-864.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-598
R-865.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-600
R-866.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-600
R-867.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-601
R-868.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-601
R-869.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-602
R-870.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-602
R-871.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-603
R-872.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-603
R-873.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-605
R-874.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-605
R-875.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-606
R-876.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-606

TASK 2/DIFFRACTION/MODEL 5514

R-877.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-607
R-878.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-607
R-879.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-608
R-880.	Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-608
R-881.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-610
R-882.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-610
R-883.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-610
R-884.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-611
R-885.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-611
R-886.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-611
R-887.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-612
R-888.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-612
R-889.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-614
R-890.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-614

TASK 2/DIFFRACTION/MODEL 5514

R-891.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-614
R-892.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-615
R-893.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-615
R-894.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-615
R-895.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-616
R-896.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-616
R-897.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-618
R-898.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-618
R-899.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-618
R-900.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-619
R-901.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-619
R-902.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-619
R-903.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-620
R-904.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-620

TASK 2/DIFFRACTION/MODEL 5514

R-905.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-622
R-906.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-622
R-907.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-622
R-908.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-623
R-909.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-623
R-910.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-623
R-911.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-624
R-912.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-624
R-913.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-626
R-914.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-626
R-915.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-626
R-916.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-627
R-917.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-627
R-918.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-627

TASK 2/DIFFRACTION/MODEL 5514

R-919.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-628
R-920.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-628
R-921.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-630
R-922.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-630
R-923.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-630
R-924.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-631
R-925.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-631
R-926.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-631
R-927.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-632
R-928.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-632
R-929.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-634
R-930.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-634
R-931.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-634
R-932.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-635

TASK 2/DIFFRACTION/MODEL 5514

R-933.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-635
R-934.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-635
R-935.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-636
R-936.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-636
R-937.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-638
R-938.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-638
R-939.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-638
R-940.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-639
R-941.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-639
R-942.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-639
R-943.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-640
R-944.	Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-640
R-945.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-642
R-946.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-642

TASK 2/DIFFRACTION/MODEL 5514

R-947.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-642
R-948.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-643
R-949.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-643
R-950.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-643
R-951.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-644
R-952.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-644
R-953.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-646
R-954.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-646
R-955.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-646
R-956.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-647
R-957.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-647
R-958.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-647
R-959.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-648
R-960.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-648

TASK 2/DIFFRACTION/MODEL 5514

R-961.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-650
R-962.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-650
R-963.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-650
R-964.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-651
R-965.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-651
R-966.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-651
R-967.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-652
R-968.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-652
R-969.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-654
R-970.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-654
R-971.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-654
R-972.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-655
R-973.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-655
R-974.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-655

TASK 2/DIFFRACTION/MODEL 5514

R-975.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-656
R-976.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-656
R-977.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-658
R-978.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-658
R-979.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-658
R-980.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-659
R-981.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-659
R-982.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-659
R-983.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-660
R-984.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-660
R-985.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-662
R-986.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-662
R-987.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-662
R-988.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-663

TASK 2/DIFFRACTION/MODEL 5514

R-989.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-663
R-990.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-663
R-991.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-664
R-992.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-664
R-993.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-666
R-994.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-666
R-995.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-666
R-996.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-667
R-997.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-667
R-998.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-667
R-999.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-668
R-1000.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-668
R-1001.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-670
R-1002.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-670

TASK 2/DIFFRACTION/MODEL 5514

R-1003.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-670
R-1004.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-671
R-1005.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-671
R-1006.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-671
R-1007.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-672
R-1008.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-672
R-1009.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-674
R-1010.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-674
R-1011.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-674
R-1012.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-675
R-1013.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-675
R-1014.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-675
R-1015.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-676
R-1016.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-676

TASK 2/DIFFRACTION/MODEL 5514

R-1017.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-678
R-1018.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-678
R-1019.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-678
R-1020.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-679
R-1021.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-679
R-1022.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-679
R-1023.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-680
R-1024.	Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-680
R-1025.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-682
R-1026.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-682
R-1027.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-683
R-1028.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-683
R-1029.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-684
R-1030.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-684

TASK 2/DIFFRACTION/MODEL 5514

R-1031.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-685
R-1032.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-685
R-1033.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-687
R-1034.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-687
R-1035.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-688
R-1036.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-688
R-1037.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-689
R-1038.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-689
R-1039.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-690
R-1040.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-690
R-1041.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-692
R-1042.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-692
R-1043.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-693
R-1044.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-693

TASK 2/DIFFRACTION/MODEL 5514

R-1045.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-694
R-1046.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-694
R-1047.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-695
R-1048.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-695
R-1049.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-697
R-1050.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-697
R-1051.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-698
R-1052.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-698
R-1053.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-699
R-1054.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-699
R-1055.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-700
R-1056.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-700
R-1057.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-702
R-1058.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-702

TASK 2/DIFFRACTION/MODEL 5514

R-1059.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-703
R-1060.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-703
R-1061.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-704
R-1062.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-704
R-1063.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-705
R-1064.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-705
R-1065.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-707
R-1066.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-707
R-1067.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-708
R-1068.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-708
R-1069.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-709
R-1070.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-709
R-1071.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-710
R-1072.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-710

TASK 2/DIFFRACTION/MODEL 5514

R-1073.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-712
R-1074.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-712
R-1075.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-713
R-1076.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-713
R-1077.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-714
R-1078.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-714
R-1079.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-715
R-1080.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-715
R-1081.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-717
R-1082.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-717
R-1083.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-718
R-1084.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-718
R-1085.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-719
R-1086.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-719

TASK 2/DIFFRACTION/MODEL 5514

R-1087.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-720
R-1088.	Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-720
R-1089.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-722
R-1090.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-722
R-1091.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-722
R-1092.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-723
R-1093.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-723
R-1094.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-723
R-1095.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-724
R-1096.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-724
R-1097.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-726
R-1098.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-726
R-1099.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-726
R-1100.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-727

TASK 2/DIFFRACTION/MODEL 5514

R-1101.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-727
R-1102.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-727
R-1103.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-728
R-1104.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-728
R-1105.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-730
R-1106.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-730
R-1107.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-730
R-1108.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-731
R-1109.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-731
R-1110.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-731
R-1111.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-732
R-1112.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-732
R-1113.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-734
R-1114.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-734

TASK 2/DIFFRACTION/MODEL 5514

R-1115.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-734
R-1116.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-735
R-1117.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-735
R-1118.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-735
R-1119.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-736
R-1120.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-736
R-1121.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-738
R-1122.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-738
R-1123.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-738
R-1124.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-739
R-1125.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-739
R-1126.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-739
R-1127.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-740
R-1128.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-740

TASK 2/DIFFRACTION/MODEL 5514

R-1129.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-742
R-1130.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-742
R-1131.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-742
R-1132.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-743
R-1133.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-743
R-1134.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-743
R-1135.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-744
R-1136.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-744
R-1137.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-746
R-1138.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-746
R-1139.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-746
R-1140.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-747
R-1141.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-747
R-1142.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-747

TASK 2/DIFFRACTION/MODEL 5514

R-1143.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-748
R-1144.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-748
R-1145.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-750
R-1146.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-750
R-1147.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-750
R-1148.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-751
R-1149.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-751
R-1150.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-751
R-1151.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-752
R-1152.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-752
R-1153.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-754
R-1154.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-754
R-1155.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-754
R-1156.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-755

TASK 2/DIFFRACTION/MODEL 5514

R-1157.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-755
R-1158.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-755
R-1159.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-756
R-1160.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-756
R-1161.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-758
R-1162.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-758
R-1163.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-758
R-1164.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-759
R-1165.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-759
R-1166.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-759
R-1167.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-760
R-1168.	Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-760
R-1169.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-762
R-1170.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-762

TASK 2/DIFFRACTION/MODEL 5514

R-1171.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-762
R-1172.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-763
R-1173.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-763
R-1174.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-763
R-1175.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-764
R-1176.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-764
R-1177.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-766
R-1178.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-766
R-1179.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-766
R-1180.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-767
R-1181.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-767
R-1182.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-767
R-1183.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-768
R-1184.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-768

TASK 2/DIFFRACTION/MODEL 5514

R-1185.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-770
R-1186.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-770
R-1187.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-770
R-1188.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-771
R-1189.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-771
R-1190.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-771
R-1191.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-772
R-1192.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-772
R-1193.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-774
R-1194.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-774
R-1195.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-774
R-1196.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-775
R-1197.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-775
R-1198.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-775

TASK 2/DIFFRACTION/MODEL 5514

R-1199.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-776
R-1200.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-776
R-1201.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-778
R-1202.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-778
R-1203.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-778
R-1204.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-779
R-1205.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-779
R-1206.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-779
R-1207.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-780
R-1208.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-780
R-1209.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-782
R-1210.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-782
R-1211.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-782
R-1212.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-783

TASK 2/DIFFRACTION/MODEL 5514

R-1213.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-783
R-1214.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-783
R-1215.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-784
R-1216.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-784
R-1217.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-786
R-1218.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-786
R-1219.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-786
R-1220.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-787
R-1221.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-787
R-1222.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-787
R-1223.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-788
R-1224.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-788
R-1225.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-790
R-1226.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-790

TASK 2/DIFFRACTION/MODEL 5514

R-1227.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-790
R-1228.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-791
R-1229.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-791
R-1230.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-791
R-1231.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-792
R-1232.	Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-792
R-1233.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-794
R-1234.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-794
R-1235.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-795
R-1236.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-795
R-1237.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-796
R-1238.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-796
R-1239.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-797
R-1240.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-797

TASK 2/DIFFRACTION/MODEL 5514

R-1241.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-799
R-1242.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-799
R-1243.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-800
R-1244.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-800
R-1245.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-801
R-1246.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-801
R-1247.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-802
R-1248.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-802
R-1249.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-804
R-1250.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-804
R-1251.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-805
R-1252.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-805
R-1253.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-806
R-1254.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-806

TASK 2/DIFFRACTION/MODEL 5514

R-1255.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-807
R-1256.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-807
R-1257.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-809
R-1258.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-809
R-1259.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-810
R-1260.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-810
R-1261.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-811
R-1262.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-811
R-1263.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-812
R-1264.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-812
R-1265.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-814
R-1266.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-814
R-1267.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-815
R-1268.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-815

TASK 2/DIFFRACTION/MODEL 5514

R-1269.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-816
R-1270.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-816
R-1271.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-817
R-1272.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-817
R-1273.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-819
R-1274.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-819
R-1275.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-820
R-1276.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-820
R-1277.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-821
R-1278.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-821
R-1279.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-822
R-1280.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-822
R-1281.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-824
R-1282.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-824

TASK 2/DIFFRACTION/MODEL 5514

R-1283.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-825
R-1284.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-825
R-1285.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-826
R-1286.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-826
R-1287.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-827
R-1288.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-827
R-1289.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-829
R-1290.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-829
R-1291.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-830
R-1292.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-830
R-1293.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-831
R-1294.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-831
R-1295.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-832
R-1296.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-832

TASK 2/DIFFRACTION/MODEL 5514

R-1297.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-834
R-1298.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-834
R-1299.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-835
R-1300.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-835
R-1301.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-836
R-1302.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-836
R-1303.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-837
R-1304.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-837
R-1305.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-839
R-1306.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-839
R-1307.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-840
R-1308.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-840
R-1309.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-841
R-1310.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-841

TASK 2/DIFFRACTION/MODEL 5514

R-1311.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-842
R-1312.	Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-842
R-1313.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-844
R-1314.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-844
R-1315.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-844
R-1316.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-845
R-1317.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-845
R-1318.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-845
R-1319.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-846
R-1320.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-846
R-1321.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-848
R-1322.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-848
R-1323.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-848
R-1324.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-849

TASK 2/DIFFRACTION/MODEL 5514

R-1325.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-849
R-1326.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-849
R-1327.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-850
R-1328.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-850
R-1329.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-852
R-1330.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-852
R-1331.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-852
R-1332.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-853
R-1333.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-853
R-1334.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-853
R-1335.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-854
R-1336.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-854
R-1337.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-856
R-1338.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-856

TASK 2/DIFFRACTION/MODEL 5514

R-1339.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-856
R-1340.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-857
R-1341.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-857
R-1342.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-857
R-1343.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-858
R-1344.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-858
R-1345.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-860
R-1346.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-860
R-1347.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-860
R-1348.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-861
R-1349.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-861
R-1350.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-861
R-1351.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-862
R-1352.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-862

TASK 2/DIFFRACTION/MODEL 5514

R-1353.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-864
R-1354.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-864
R-1355.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-864
R-1356.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-865
R-1357.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-865
R-1358.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-865
R-1359.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-866
R-1360.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-866
R-1361.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-868
R-1362.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-868
R-1363.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-868
R-1364.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-869
R-1365.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-869
R-1366.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-869

TASK 2/DIFFRACTION/MODEL 5514

R-1367.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-870
R-1368.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-870
R-1369.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-872
R-1370.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-872
R-1371.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-872
R-1372.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-873
R-1373.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-873
R-1374.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-873
R-1375.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-874
R-1376.	Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-874
R-1377.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-876
R-1378.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-876
R-1379.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-876
R-1380.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-877

TASK 2/DIFFRACTION/MODEL 5514

R-1381.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-877
R-1382.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-877
R-1383.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-878
R-1384.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-878
R-1385.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-880
R-1386.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-880
R-1387.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-880
R-1388.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-881
R-1389.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-881
R-1390.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-881
R-1391.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-882
R-1392.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-882
R-1393.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-884
R-1394.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-884

TASK 2/DIFFRACTION/MODEL 5514

R-1395.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-884
R-1396.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-885
R-1397.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-885
R-1398.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-885
R-1399.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-886
R-1400.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-886
R-1401.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-888
R-1402.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-888
R-1403.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-888
R-1404.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-889
R-1405.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-889
R-1406.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-889
R-1407.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-890
R-1408.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-890

TASK 2/DIFFRACTION/MODEL 5514

R-1409.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-892
R-1410.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-892
R-1411.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-892
R-1412.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-893
R-1413.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-893
R-1414.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-893
R-1415.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-894
R-1416.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-894
R-1417.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-896
R-1418.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-896
R-1419.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-896
R-1420.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-897
R-1421.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-897
R-1422.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-897

TASK 2/DIFFRACTION/MODEL 5514

R-1423.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-898
R-1424.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-898
R-1425.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-900
R-1426.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-900
R-1427.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-900
R-1428.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-901
R-1429.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-901
R-1430.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-901
R-1431.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-902
R-1432.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-902
R-1433.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-904
R-1434.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-904
R-1435.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-904
R-1436.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-905

TASK 2/DIFFRACTION/MODEL 5514

R-1437.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-905
R-1438.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-905
R-1439.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-906
R-1440.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-906
R-1441.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-908
R-1442.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-908
R-1443.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-908
R-1444.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-909
R-1445.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-909
R-1446.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-909
R-1447.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-910
R-1448.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-910
R-1449.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-912
R-1450.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-912

TASK 2/DIFFRACTION/MODEL 5514

R-1451.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-912
R-1452.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-913
R-1453.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-913
R-1454.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-913
R-1455.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-914
R-1456.	Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-914
R-1457.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-916
R-1458.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-916
R-1459.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-917
R-1460.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-917
R-1461.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-918
R-1462.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-918
R-1463.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-919
R-1464.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-919

TASK 2/DIFFRACTION/MODEL 5514

R-1465.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-921
R-1466.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-921
R-1467.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-922
R-1468.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-922
R-1469.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-923
R-1470.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-923
R-1471.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-924
R-1472.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-924
R-1473.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-926
R-1474.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-926
R-1475.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-927
R-1476.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-927
R-1477.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-928
R-1478.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-928

TASK 2/DIFFRACTION/MODEL 5514

R-1479.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-929
R-1480.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-929
R-1481.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-931
R-1482.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-931
R-1483.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-932
R-1484.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-932
R-1485.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-933
R-1486.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-933
R-1487.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-934
R-1488.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-934
R-1489.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-936
R-1490.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-936
R-1491.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-937
R-1492.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-937

TASK 2/DIFFRACTION/MODEL 5514

R-1493.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-938
R-1494.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-938
R-1495.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-939
R-1496.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-939
R-1497.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-941
R-1498.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-941
R-1499.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-942
R-1500.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-942
R-1501.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-943
R-1502.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-943
R-1503.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-944
R-1504.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-944
R-1505.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-946
R-1506.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-946

TASK 2/DIFFRACTION/MODEL 5514

R-1507.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-947
R-1508.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-947
R-1509.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-948
R-1510.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-948
R-1511.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-949
R-1512.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-949
R-1513.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-951
R-1514.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-951
R-1515.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-952
R-1516.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-952
R-1517.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-953
R-1518.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-953
R-1519.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-954
R-1520.	Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-954

TASK 2/DIFFRACTION/MODEL 5514

R-1521.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-956
R-1522.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-956
R-1523.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-956
R-1524.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-957
R-1525.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-957
R-1526.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-957
R-1527.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-958
R-1528.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-958
R-1529.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-960
R-1530.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-960
R-1531.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-960
R-1532.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-961
R-1533.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-961
R-1534.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-961

TASK 2/DIFFRACTION/MODEL 5514

R-1535.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-962
R-1536.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-962
R-1537.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-964
R-1538.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-964
R-1539.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-964
R-1540.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-965
R-1541.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-965
R-1542.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-965
R-1543.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-966
R-1544.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-966
R-1545.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-968
R-1546.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-968
R-1547.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-968
R-1548.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-969

TASK 2/DIFFRACTION/MODEL 5514

R-1549.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-969
R-1550.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-969
R-1551.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-970
R-1552.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-970
R-1553.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-972
R-1554.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-972
R-1555.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-972
R-1556.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-973
R-1557.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-973
R-1558.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-973
R-1559.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-974
R-1560.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-974
R-1561.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-976
R-1562.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-976

TASK 2/DIFFRACTION/MODEL 5514

R-1563.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-976
R-1564.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-977
R-1565.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-977
R-1566.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-978
R-1567.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-978
R-1568.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-978
R-1569.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-980
R-1570.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-980
R-1571.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-980
R-1572.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-981
R-1573.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-981
R-1574.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-981
R-1575.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-982
R-1576.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-982

TASK 2/DIFFRACTION/MODEL 5514

R-1577.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-984
R-1578.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-984
R-1579.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-984
R-1580.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-985
R-1581.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-985
R-1582.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-985
R-1583.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-986
R-1584.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-986
R-1585.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-988
R-1586.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-988
R-1587.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-988
R-1588.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-989
R-1589.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-989
R-1590.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-989

TASK 2/DIFFRACTION/MODEL 5514

R-1591.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-990
R-1592.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-990
R-1593.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-992
R-1594.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-992
R-1595.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-992
R-1596.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-993
R-1597.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-993
R-1598.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-994
R-1599.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-994
R-1600.	Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-994
R-1601.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-996
R-1602.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-996
R-1603.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-996
R-1604.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-997

TASK 2/DIFFRACTION/MODEL 5514

R-1605.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-997
R-1606.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-997
R-1607.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-998
R-1608.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-998
R-1609.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-1000
R-1610.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-1000
R-1611.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-1000
R-1612.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-1001
R-1613.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-1001
R-1614.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-1001
R-1615.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-1002
R-1616.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-1002
R-1617.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-1004
R-1618.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-1004

TASK 2/DIFFRACTION/MODEL 5514

R-1619.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-1004
R-1620.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-1005
R-1621.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-1005
R-1622.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-1005
R-1623.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-1006
R-1624.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-1006
R-1625.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-1008
R-1626.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-1008
R-1627.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-1008
R-1628.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-1009
R-1629.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-1009
R-1630.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-1009
R-1631.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-1010
R-1632.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-1010

TASK 2/DIFFRACTION/MODEL 5514

R-1633.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-1012
R-1634.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-1012
R-1635.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-1012
R-1636.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-1013
R-1637.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-1013
R-1638.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-1013
R-1639.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-1014
R-1640.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-1014
R-1641.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-1016
R-1642.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-1016
R-1643.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-1016
R-1644.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-1017
R-1645.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-1017
R-1646.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-1017

TASK 2/DIFFRACTION/MODEL 5514

R-1647.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-1018
R-1648.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-1018
R-1649.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-1020
R-1650.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-1020
R-1651.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-1020
R-1652.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-1021
R-1653.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-1021
R-1654.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-1021
R-1655.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-1022
R-1656.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-1022
R-1657.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-1024
R-1658.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-1024
R-1659.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-1024
R-1660.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-1025

TASK 2/DIFFRACTION/MODEL 5514

R-1661.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-1025
R-1662.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-1025
R-1663.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-1026
R-1664.	Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-1026
R-1665.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-1028
R-1666.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-1028
R-1667.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-1029
R-1668.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-1029
R-1669.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-1030
R-1670.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-1030
R-1671.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-1031
R-1672.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-1031
R-1673.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-1033
R-1674.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-1033

TASK 2/DIFFRACTION/MODEL 5514

R-1675.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-1034
R-1676.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-1034
R-1677.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-1035
R-1678.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-1035
R-1679.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-1036
R-1680.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-1036
R-1681.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-1038
R-1682.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-1038
R-1683.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-1039
R-1684.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-1039
R-1685.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-1040
R-1686.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-1040
R-1687.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-1041
R-1688.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-1041

TASK 2/DIFFRACTION/MODEL 5514

R-1689.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-1043
R-1690.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-1043
R-1691.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-1044
R-1692.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-1044
R-1693.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-1045
R-1694.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-1045
R-1695.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-1046
R-1696.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-1046
R-1697.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-1048
R-1698.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-1048
R-1699.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-1049
R-1700.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-1049
R-1701.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-1050
R-1702.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-1050

TASK 2/DIFFRACTION/MODEL 5514

R-1703.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-1051
R-1704.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-1051
R-1705.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.	R-1053
R-1706.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.	R-1053
R-1707.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.	R-1054
R-1708.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.	R-1054
R-1709.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.	R-1055
R-1710.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.	R-1055
R-1711.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.	R-1056
R-1712.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.	R-1056
R-1713.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-1058
R-1714.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-1058
R-1715.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-1059
R-1716.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-1059

TASK 2/DIFFRACTION/MODEL 5514

R-1717.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-1060
R-1718.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-1060
R-1719.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-1061
R-1720.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-1061
R-1721.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-1063
R-1722.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-1063
R-1723.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-1064
R-1724.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-1064
R-1725.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-1065
R-1726.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-1065
R-1727.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-1066
R-1728.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-1066
R-1729.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-1068
R-1730.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-1068

TASK 2/DIFFRACTION/MODEL 5514

R-1731.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-1069
R-1732.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-1069
R-1733.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-1070
R-1734.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-1070
R-1735.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-1071
R-1736.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-1071
R-1737.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-1073
R-1738.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-1073
R-1739.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-1074
R-1740.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-1074
R-1741.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-1075
R-1742.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-1075
R-1743.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-1076
R-1744.	Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-1076

TASK 2/DIFFRACTION/MODEL 5514

R-1745.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-1078
R-1746.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-1078
R-1747.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-1078
R-1748.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-1079
R-1749.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-1079
R-1750.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-1079
R-1751.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-1080
R-1752.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-1080
R-1753.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-1082
R-1754.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-1082
R-1755.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-1082
R-1756.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-1083
R-1757.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-1083
R-1758.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-1083

TASK 2/DIFFRACTION/MODEL 5514

R-1759.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-1084
R-1760.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-1084
R-1761.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-1086
R-1762.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-1086
R-1763.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-1086
R-1764.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-1087
R-1765.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-1087
R-1766.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-1087
R-1767.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-1088
R-1768.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-1088
R-1769.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-1090
R-1770.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-1090
R-1771.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-1090
R-1772.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-1091

TASK 2/DIFFRACTION/MODEL 5514

R-1773.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-1091
R-1774.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-1091
R-1775.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-1092
R-1776.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-1092
R-1777.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.	R-1094
R-1778.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.	R-1094
R-1779.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.	R-1094
R-1780.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.	R-1095
R-1781.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.	R-1095
R-1782.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.	R-1095
R-1783.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.	R-1096
R-1784.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.	R-1096
R-1785.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.	R-1098
R-1786.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.	R-1098

TASK 2/DIFFRACTION/MODEL 5514

R-1787.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.	R-1098
R-1788.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.	R-1099
R-1789.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.	R-1099
R-1790.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.	R-1099
R-1791.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.	R-1100
R-1792.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.	R-1100
R-1793.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.	R-1102
R-1794.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.	R-1102
R-1795.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.	R-1102
R-1796.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.	R-1103
R-1797.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.	R-1103
R-1798.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.	R-1103
R-1799.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.	R-1104
R-1800.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.	R-1104

TASK 2/DIFFRACTION/MODEL 5514

R-1801.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.	R-1106
R-1802.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.	R-1106
R-1803.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.	R-1106
R-1804.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.	R-1107
R-1805.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.	R-1107
R-1806.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.	R-1107
R-1807.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.	R-1108
R-1808.	Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.	R-1108

Introduction

This appendix contains plots and tables related to the minimum and maximum value of each variable versus wave steepness for the 0-DOF prescribed motions of Model 5514 in task 2. The plots are found in Figures R–1 through R–226. For each variable, speed, and heading there is one plot that depicts the results from all the codes. If f stands for a time-dependent variable, then the quantities plotted are the minimum and maximum of

$$f^* \equiv \frac{f - \langle f \rangle}{H/\lambda}$$

where $\langle f \rangle$ is the mean. Only filtered values f are used since filtered values lessen the impact of spikes that probably originate in numerical filtering schemes in the codes. Linear variation as a function of the amplitude appears as a horizontal line. Quadratic variation appears as a straight line with a nonzero slope.

Tables R–1 through R–1808 in this appendix correspond to the plots. Following each plot is one table for each of the eight codes for which data were received. The tables give information about the mean, the minimum and maximum of the unfiltered variable, the minimum and maximum of the filtered variable, and the starred function depicted in the figure.

For the corresponding time history plots, the reader is referred to Appendix H.

TASK 2/DIFFRACTION/MODEL 5514

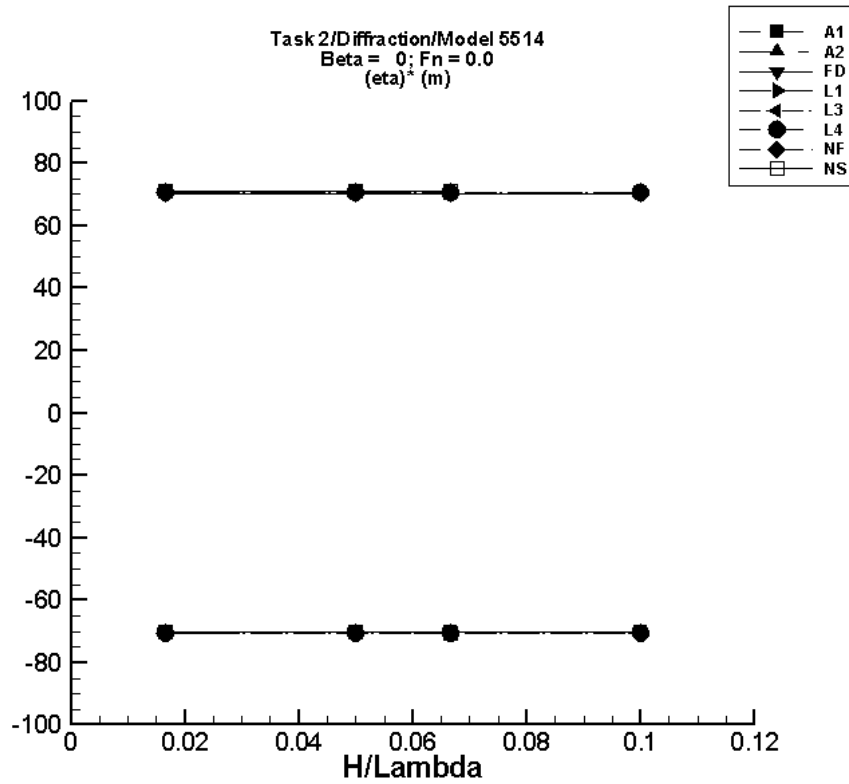


Figure R-1. Minimum and Maximum of $(\eta)^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0.

Table R–1. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-8.65E-04	-1.19	1.19	-1.18	1.18	-70.6	70.6
1/20	-2.59E-03	-3.56	3.56	-3.52	3.52	-70.4	70.4
1/15	-3.45E-03	-4.74	4.74	-4.69	4.69	-70.3	70.3
1/10	-5.18E-03	-7.12	7.12	-7.04	7.04	-70.4	70.4

Table R–2. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-8.65E-04	-1.19	1.19	-1.18	1.18	-70.6	70.6
1/20	-2.59E-03	-3.56	3.56	-3.52	3.52	-70.4	70.4
1/15	-3.45E-03	-4.74	4.74	-4.69	4.69	-70.3	70.3
1/10	-5.18E-03	-7.12	7.12	-7.04	7.04	-70.4	70.4

Table R–3. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-4.06E-05	-1.18	1.18	-1.17	1.17	-70.2	70.2
1/20	-1.22E-04	-3.55	3.55	-3.51	3.51	-70.2	70.2
1/15	-1.62E-04	-4.73	4.73	-4.68	4.68	-70.2	70.2
1/10	-2.43E-04	-7.10	7.10	-7.02	7.02	-70.2	70.2

Table R-4. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-4.08E-04	-1.18	1.18	-1.18	1.18	-70.7	70.8
1/20	-1.23E-03	-3.55	3.55	-3.54	3.54	-70.7	70.8
1/15	-1.63E-03	-4.73	4.73	-4.72	4.72	-70.7	70.8
1/10	-2.45E-03	-7.10	7.10	-7.07	7.08	-70.7	70.8

Table R-5. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-4.08E-04	-1.18	1.18	-1.18	1.18	-70.7	70.8
1/20	-1.23E-03	-3.55	3.55	-3.54	3.54	-70.7	70.8
1/15	-1.63E-03	-4.73	4.73	-4.72	4.72	-70.7	70.8
1/10	-2.45E-03	-7.10	7.10	-7.07	7.08	-70.7	70.8

Table R-6. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-4.08E-04	-1.18	1.18	-1.18	1.18	-70.7	70.8
1/20	-1.23E-03	-3.55	3.55	-3.54	3.54	-70.7	70.8
1/15	-1.63E-03	-4.73	4.73	-4.72	4.72	-70.7	70.8
1/10	-2.45E-03	-7.10	7.10	-7.07	7.08	-70.7	70.8

Table R–7. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–8. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-2.51E-04	-1.18	1.18	-1.17	1.19	-70.3	71.2
1/20	-7.51E-04	-3.55	3.55	-3.51	3.56	-70.3	71.2
1/15	-1.00E-03	-4.74	4.74	-4.71	4.75	-70.6	71.3
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

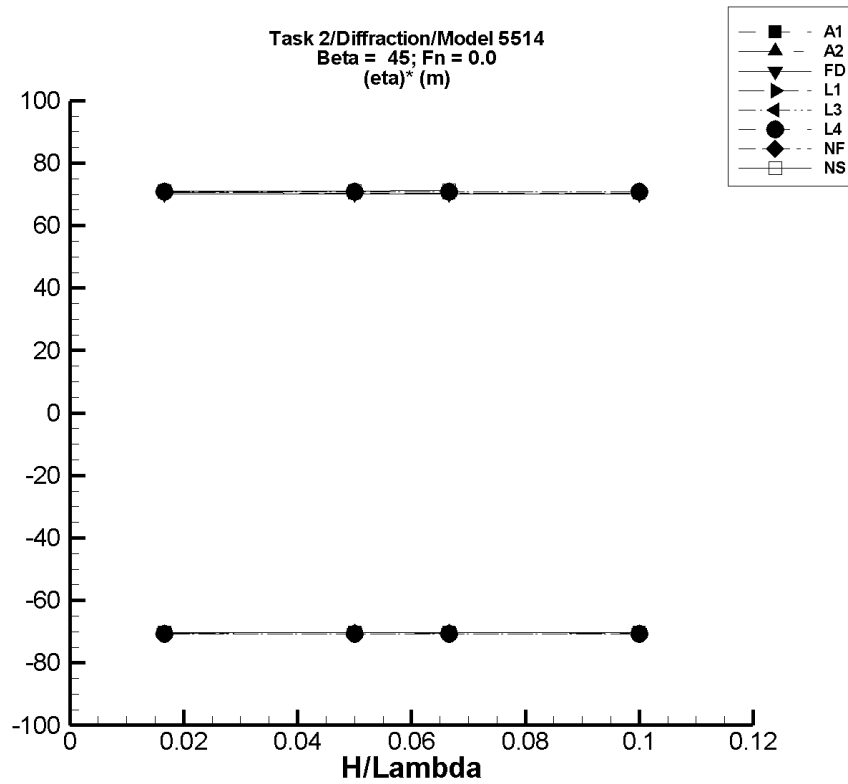


Figure R-2. Minimum and Maximum of $(\eta)^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

Table R–9. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-8.65E-04	-1.19	1.19	-1.18	1.18	-70.6	70.6
1/20	-2.59E-03	-3.56	3.56	-3.52	3.52	-70.4	70.4
1/15	-3.45E-03	-4.74	4.74	-4.69	4.69	-70.3	70.3
1/10	-5.18E-03	-7.12	7.12	-7.04	7.04	-70.4	70.4

Table R–10. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-8.65E-04	-1.19	1.19	-1.18	1.18	-70.6	70.6
1/20	-2.59E-03	-3.56	3.56	-3.52	3.52	-70.4	70.4
1/15	-3.45E-03	-4.74	4.74	-4.69	4.69	-70.3	70.3
1/10	4.86E-03	-7.12	7.12	-7.04	7.04	-70.5	70.4

Table R–11. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-4.06E-05	-1.18	1.18	-1.17	1.17	-70.2	70.2
1/20	-1.22E-04	-3.55	3.55	-3.51	3.51	-70.2	70.2
1/15	-1.62E-04	-4.73	4.73	-4.68	4.68	-70.2	70.2
1/10	-2.43E-04	-7.10	7.10	-7.02	7.02	-70.2	70.2

Table R–12. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-4.48E-04	-1.18	1.18	-1.18	1.18	-70.7	70.8
1/20	-1.34E-03	-3.55	3.55	-3.54	3.54	-70.7	70.8
1/15	-1.79E-03	-4.73	4.73	-4.72	4.72	-70.7	70.8
1/10	-2.69E-03	-7.10	7.10	-7.07	7.07	-70.7	70.8

Table R–13. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-4.48E-04	-1.18	1.18	-1.18	1.18	-70.7	70.8
1/20	-1.34E-03	-3.55	3.55	-3.54	3.54	-70.7	70.8
1/15	-1.79E-03	-4.73	4.73	-4.72	4.72	-70.7	70.8
1/10	-2.69E-03	-7.10	7.10	-7.07	7.07	-70.7	70.8

Table R–14. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-4.48E-04	-1.18	1.18	-1.18	1.18	-70.7	70.8
1/20	-1.34E-03	-3.55	3.55	-3.54	3.54	-70.7	70.8
1/15	-1.79E-03	-4.73	4.73	-4.72	4.72	-70.7	70.8
1/10	-2.69E-03	-7.10	7.10	-7.07	7.07	-70.7	70.8

Table R–15. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–16. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-2.47E-04	-1.18	1.18	-1.17	1.18	-70.3	71.1
1/20	-7.40E-04	-3.55	3.55	-3.51	3.55	-70.3	71.1
1/15	-9.84E-04	-4.73	4.73	-4.71	4.75	-70.6	71.2
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

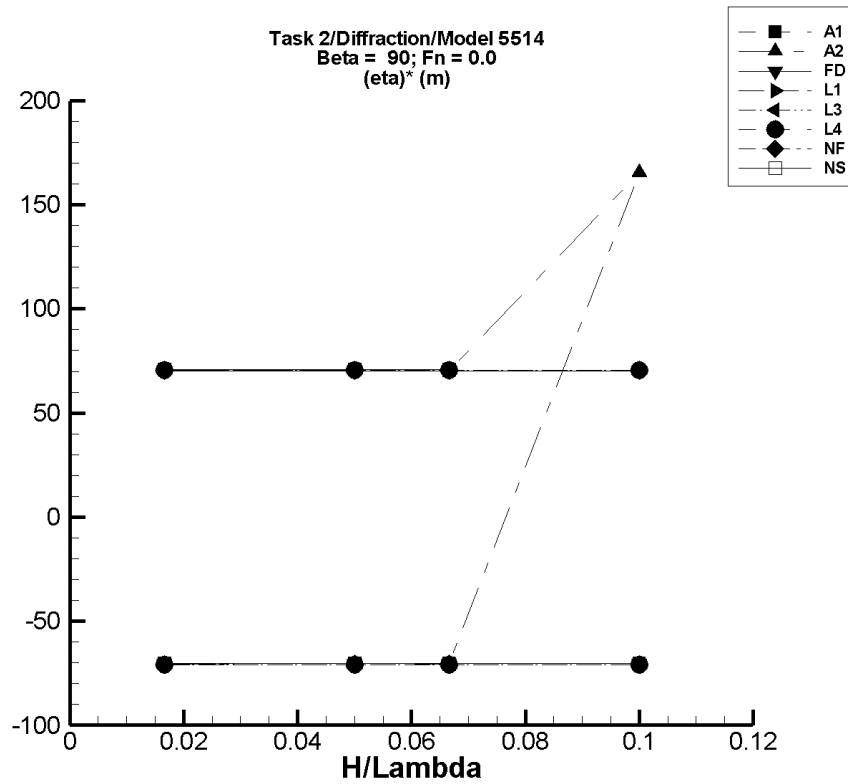


Figure R-3. Minimum and Maximum of $(\eta)^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

Table R–17. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-8.65E-04	-1.19	1.19	-1.18	1.18	-70.6	70.6
1/20	-2.59E-03	-3.56	3.56	-3.52	3.52	-70.4	70.4
1/15	-3.45E-03	-4.74	4.74	-4.69	4.69	-70.3	70.3
1/10	-5.18E-03	-7.12	7.12	-7.04	7.04	-70.4	70.4

Table R–18. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-8.65E-04	-1.19	1.19	-1.18	1.18	-70.6	70.6
1/20	-2.59E-03	-3.56	3.56	-3.52	3.52	-70.4	70.4
1/15	-3.45E-03	-4.74	4.74	-4.69	4.69	-70.3	70.3
1/10	-9.44	7.09	7.12	7.09	7.12	165.	166.

Table R–19. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-4.06E-05	-1.18	1.18	-1.17	1.17	-70.2	70.2
1/20	-1.22E-04	-3.55	3.55	-3.51	3.51	-70.2	70.2
1/15	-1.62E-04	-4.73	4.73	-4.68	4.68	-70.2	70.2
1/10	-2.43E-04	-7.10	7.10	-7.02	7.02	-70.2	70.2

Table R–20. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η) [*]	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	5.20E-04	-1.18	1.18	-1.18	1.18	-70.8	70.7
1/20	1.56E-03	-3.55	3.55	-3.54	3.54	-70.8	70.7
1/15	2.08E-03	-4.73	4.73	-4.72	4.72	-70.8	70.7
1/10	3.12E-03	-7.10	7.10	-7.08	7.07	-70.8	70.7

Table R–21. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η) [*]	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	5.20E-04	-1.18	1.18	-1.18	1.18	-70.8	70.7
1/20	1.56E-03	-3.55	3.55	-3.54	3.54	-70.8	70.7
1/15	2.08E-03	-4.73	4.73	-4.72	4.72	-70.8	70.7
1/10	3.12E-03	-7.10	7.10	-7.08	7.07	-70.8	70.7

Table R–22. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η) [*]	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	5.20E-04	-1.18	1.18	-1.18	1.18	-70.8	70.7
1/20	1.56E-03	-3.55	3.55	-3.54	3.54	-70.8	70.7
1/15	2.08E-03	-4.73	4.73	-4.72	4.72	-70.8	70.7
1/10	3.12E-03	-7.10	7.10	-7.08	7.07	-70.8	70.7

Table R–23. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–24. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-2.55E-04	-1.18	1.18	-1.17	1.18	-70.3	70.8
1/20	-7.66E-04	-3.55	3.55	-3.51	3.54	-70.2	70.8
1/15	-1.00E-03	-4.74	4.74	-4.71	4.73	-70.6	71.0
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

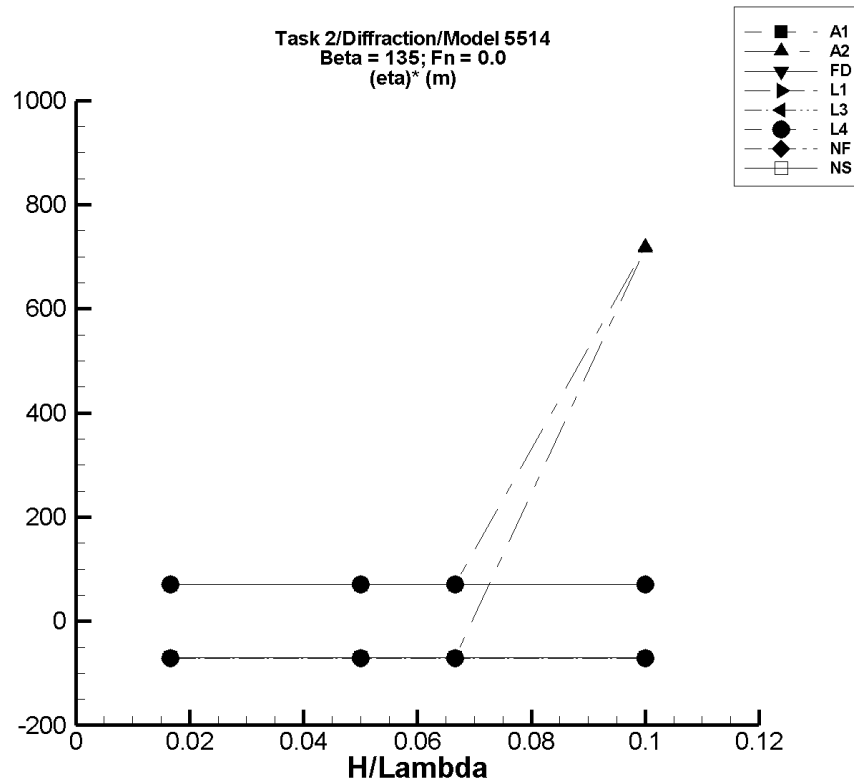


Figure R-4. Minimum and Maximum of $(\eta)^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

Table R–25. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle\eta\rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-8.65E-04	-1.19	1.19	-1.18	1.18	-70.6	70.6
1/20	-2.59E-03	-3.56	3.56	-3.52	3.52	-70.4	70.4
1/15	-3.45E-03	-4.74	4.74	-4.69	4.69	-70.3	70.3
1/10	-5.18E-03	-7.12	7.12	-7.04	7.04	-70.4	70.4

Table R–26. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle\eta\rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-8.65E-04	-1.19	1.19	-1.18	1.18	-70.6	70.6
1/20	-2.59E-03	-3.56	3.56	-3.52	3.52	-70.4	70.4
1/15	-3.45E-03	-4.74	4.74	-4.69	4.69	-70.3	70.3
1/10	-76.7	-5.10	-4.76	-5.10	-4.76	716.	719.

Table R–27. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle\eta\rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-4.06E-05	-1.18	1.18	-1.17	1.17	-70.2	70.2
1/20	-1.22E-04	-3.55	3.55	-3.51	3.51	-70.2	70.2
1/15	-1.62E-04	-4.73	4.73	-4.68	4.68	-70.2	70.2
1/10	-2.43E-04	-7.10	7.10	-7.02	7.02	-70.2	70.2

Table R–28. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle\eta\rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-1.82E-05	-1.18	1.18	-1.18	1.18	-70.7	70.7
1/20	-5.46E-05	-3.55	3.55	-3.54	3.54	-70.7	70.7
1/15	-7.26E-05	-4.73	4.73	-4.72	4.72	-70.7	70.7
1/10	-1.08E-04	-7.10	7.10	-7.07	7.07	-70.7	70.7

Table R–29. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle\eta\rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-1.82E-05	-1.18	1.18	-1.18	1.18	-70.7	70.7
1/20	-5.46E-05	-3.55	3.55	-3.54	3.54	-70.7	70.7
1/15	-7.26E-05	-4.73	4.73	-4.72	4.72	-70.7	70.7
1/10	-1.08E-04	-7.10	7.10	-7.07	7.07	-70.7	70.7

Table R–30. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle\eta\rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-1.82E-05	-1.18	1.18	-1.18	1.18	-70.7	70.7
1/20	-5.46E-05	-3.55	3.55	-3.54	3.54	-70.7	70.7
1/15	-7.26E-05	-4.73	4.73	-4.72	4.72	-70.7	70.7
1/10	-1.08E-04	-7.10	7.10	-7.07	7.07	-70.7	70.7

Table R–31. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–32. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-2.47E-04	-1.18	1.18	-1.17	1.17	-70.3	70.5
1/20	-7.40E-04	-3.55	3.55	-3.51	3.52	-70.3	70.5
1/15	-1.02E-03	-4.73	4.73	-4.71	4.71	-70.6	70.7
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

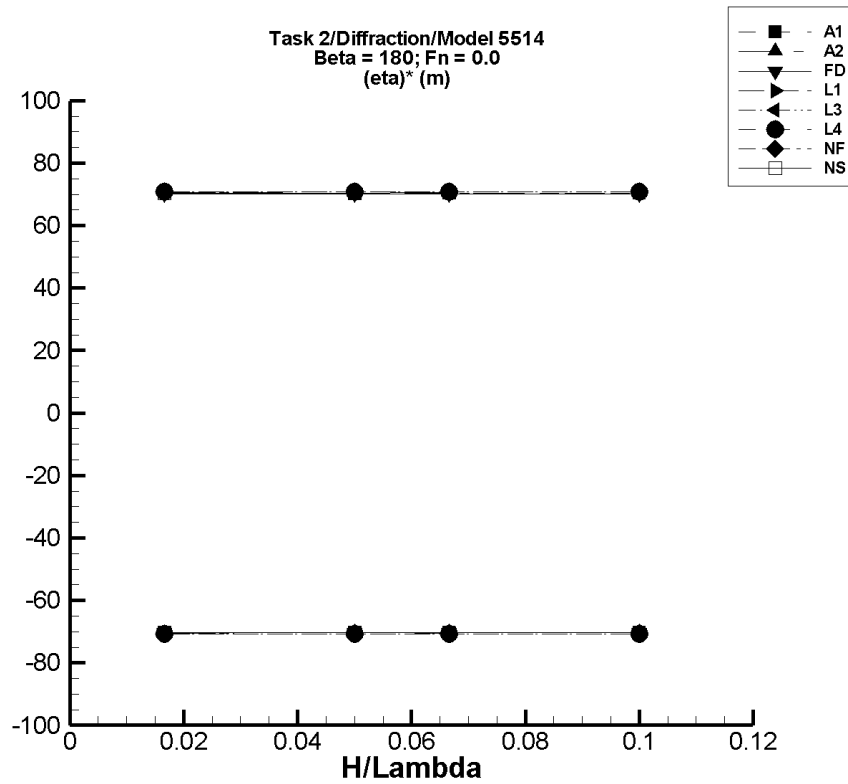


Figure R-5. Minimum and Maximum of $(\eta)^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

Table R–33. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-8.65E-04	-1.19	1.19	-1.18	1.18	-70.6	70.6
1/20	-2.59E-03	-3.56	3.56	-3.52	3.52	-70.4	70.4
1/15	-3.45E-03	-4.74	4.74	-4.69	4.69	-70.3	70.3
1/10	-5.18E-03	-7.12	7.12	-7.04	7.04	-70.4	70.4

Table R–34. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-8.65E-04	-1.19	1.19	-1.18	1.18	-70.6	70.6
1/20	-2.59E-03	-3.56	3.56	-3.52	3.52	-70.4	70.4
1/15	-3.45E-03	-4.74	4.74	-4.69	4.69	-70.3	70.3
1/10	-5.18E-03	-7.12	7.12	-7.04	7.04	-70.4	70.4

Table R–35. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-4.06E-05	-1.18	1.18	-1.17	1.17	-70.2	70.2
1/20	-1.22E-04	-3.55	3.55	-3.51	3.51	-70.2	70.2
1/15	-1.62E-04	-4.73	4.73	-4.68	4.68	-70.2	70.2
1/10	-2.43E-04	-7.10	7.10	-7.02	7.02	-70.2	70.2

Table R-36. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-4.28E-04	-1.18	1.18	-1.18	1.18	-70.7	70.8
1/20	-1.28E-03	-3.55	3.55	-3.54	3.54	-70.7	70.8
1/15	-1.71E-03	-4.73	4.73	-4.72	4.72	-70.7	70.8
1/10	-2.57E-03	-7.10	7.10	-7.07	7.08	-70.7	70.8

Table R-37. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-4.28E-04	-1.18	1.18	-1.18	1.18	-70.7	70.8
1/20	-1.28E-03	-3.55	3.55	-3.54	3.54	-70.7	70.8
1/15	-1.71E-03	-4.73	4.73	-4.72	4.72	-70.7	70.8
1/10	-2.57E-03	-7.10	7.10	-7.07	7.08	-70.7	70.8

Table R-38. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-4.28E-04	-1.18	1.18	-1.18	1.18	-70.7	70.8
1/20	-1.28E-03	-3.55	3.55	-3.54	3.54	-70.7	70.8
1/15	-1.71E-03	-4.73	4.73	-4.72	4.72	-70.7	70.8
1/10	-2.57E-03	-7.10	7.10	-7.07	7.08	-70.7	70.8

Table R–39. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–40. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-2.59E-04	-1.18	1.18	-1.17	1.17	-70.3	70.3
1/20	-7.77E-04	-3.55	3.55	-3.51	3.51	-70.3	70.3
1/15	-1.00E-03	-4.73	4.74	-4.71	4.71	-70.6	70.6
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

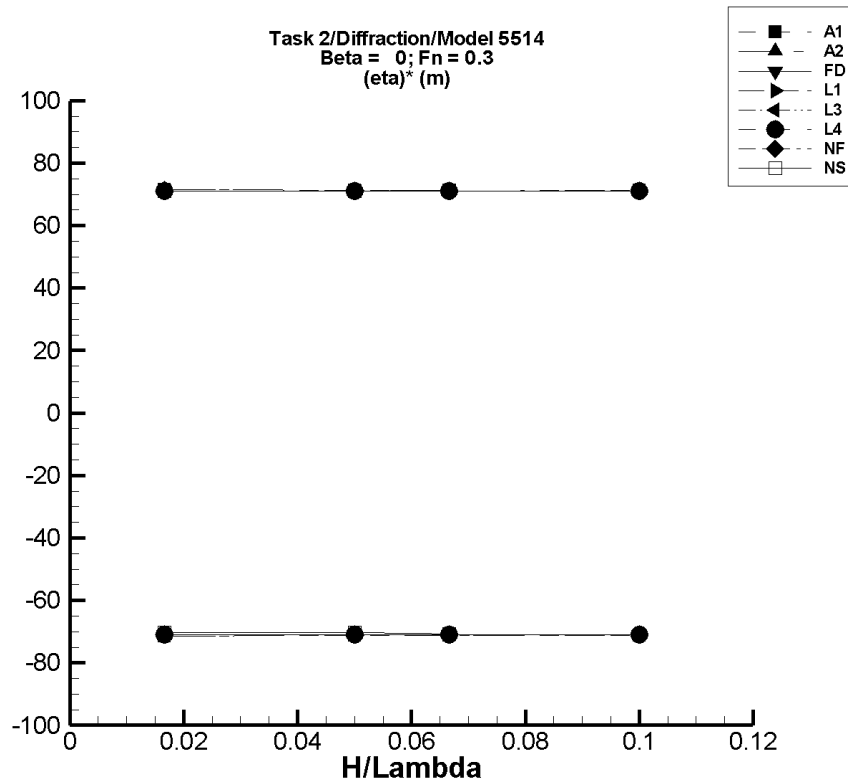


Figure R-6. Minimum and Maximum of $(\eta)^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-41. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	9.77E-04	-1.19	1.19	-1.19	1.19	-71.4	71.5
1/20	2.92E-03	-3.56	3.56	-3.56	3.57	-71.2	71.3
1/15	3.89E-03	-4.74	4.74	-4.74	4.75	-71.1	71.2
1/10	5.84E-03	-7.12	7.12	-7.12	7.13	-71.2	71.3

Table R-42. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	9.77E-04	-1.19	1.19	-1.19	1.19	-71.4	71.5
1/20	2.92E-03	-3.56	3.56	-3.56	3.57	-71.2	71.3
1/15	3.89E-03	-4.74	4.74	-4.74	4.75	-71.1	71.2
1/10	5.84E-03	-7.12	7.12	-7.12	7.13	-71.2	71.3

Table R-43. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-8.32E-04	-1.18	1.18	-1.18	1.18	-70.9	71.0
1/20	-2.50E-03	-3.55	3.55	-3.55	3.55	-70.9	71.0
1/15	-3.33E-03	-4.73	4.73	-4.73	4.73	-70.9	71.0
1/10	-4.99E-03	-7.10	7.10	-7.10	7.10	-70.9	71.0

TASK 2/DIFFRACTION/MODEL 5514

Table R-44. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-6.79E-05	-1.18	1.18	-1.18	1.18	-71.0	71.0
1/20	-2.03E-04	-3.55	3.55	-3.55	3.55	-71.0	71.0
1/15	-2.72E-04	-4.73	4.73	-4.73	4.73	-71.0	71.0
1/10	-4.07E-04	-7.10	7.10	-7.10	7.10	-71.0	71.0

Table R-45. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-6.79E-05	-1.18	1.18	-1.18	1.18	-71.0	71.0
1/20	-2.03E-04	-3.55	3.55	-3.55	3.55	-71.0	71.0
1/15	-2.72E-04	-4.73	4.73	-4.73	4.73	-71.0	71.0
1/10	-4.07E-04	-7.10	7.10	-7.10	7.10	-71.0	71.0

Table R-46. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-6.79E-05	-1.18	1.18	-1.18	1.18	-71.0	71.0
1/20	-2.03E-04	-3.55	3.55	-3.55	3.55	-71.0	71.0
1/15	-2.72E-04	-4.73	4.73	-4.73	4.73	-71.0	71.0
1/10	-4.07E-04	-7.10	7.10	-7.10	7.10	-71.0	71.0

Table R–47. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–48. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	1.09E-03	-1.18	1.18	-1.17	1.19	-70.4	71.1
1/20	3.28E-03	-3.55	3.55	-3.52	3.56	-70.4	71.1
1/15	4.29E-03	-4.74	4.74	-4.71	4.75	-70.7	71.2
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

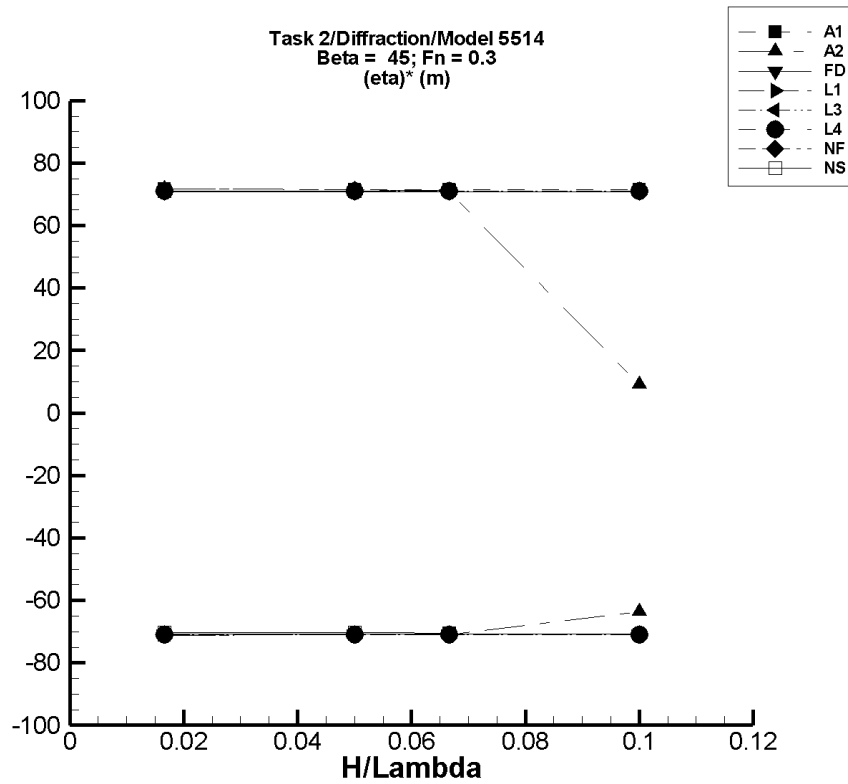


Figure R-7. Minimum and Maximum of $(\eta)^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R–49. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-1.51E-03	-1.19	1.19	-1.19	1.19	-71.1	71.7
1/20	-4.51E-03	-3.56	3.56	-3.55	3.57	-70.9	71.5
1/15	-6.00E-03	-4.74	4.74	-4.73	4.75	-70.8	71.4
1/10	-9.02E-03	-7.12	7.12	-7.10	7.14	-70.9	71.5

Table R–50. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-1.51E-03	-1.19	1.19	-1.19	1.19	-71.1	71.7
1/20	-4.51E-03	-3.56	3.56	-3.55	3.57	-70.9	71.5
1/15	1.50E-04	-4.74	4.74	-4.73	4.73	-70.9	70.9
1/10	1.82	-4.64	2.78	-4.54	2.74	-63.6	9.20

Table R–51. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-7.50E-04	-1.18	1.18	-1.18	1.18	-70.8	70.9
1/20	-2.25E-03	-3.55	3.55	-3.54	3.54	-70.8	70.9
1/15	-3.00E-03	-4.73	4.73	-4.72	4.72	-70.8	70.9
1/10	-4.50E-03	-7.10	7.10	-7.08	7.08	-70.8	70.9

Table R-52. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	2.56E-04	-1.18	1.18	-1.18	1.18	-71.0	70.9
1/20	7.69E-04	-3.55	3.55	-3.55	3.55	-71.0	70.9
1/15	1.03E-03	-4.73	4.73	-4.73	4.73	-71.0	70.9
1/10	1.54E-03	-7.10	7.10	-7.10	7.10	-71.0	70.9

Table R-53. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	2.56E-04	-1.18	1.18	-1.18	1.18	-71.0	70.9
1/20	7.69E-04	-3.55	3.55	-3.55	3.55	-71.0	70.9
1/15	1.03E-03	-4.73	4.73	-4.73	4.73	-71.0	70.9
1/10	1.54E-03	-7.10	7.10	-7.10	7.10	-71.0	70.9

Table R-54. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	2.56E-04	-1.18	1.18	-1.18	1.18	-71.0	70.9
1/20	7.69E-04	-3.55	3.55	-3.55	3.55	-71.0	70.9
1/15	1.03E-03	-4.73	4.73	-4.73	4.73	-71.0	70.9
1/10	1.54E-03	-7.10	7.10	-7.10	7.10	-71.0	70.9

Table R–55. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–56. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-1.05E-03	-1.18	1.18	-1.17	1.18	-70.2	71.1
1/20	-3.14E-03	-3.55	3.55	-3.51	3.55	-70.2	71.1
1/15	-4.11E-03	-4.73	4.73	-4.71	4.75	-70.5	71.3
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

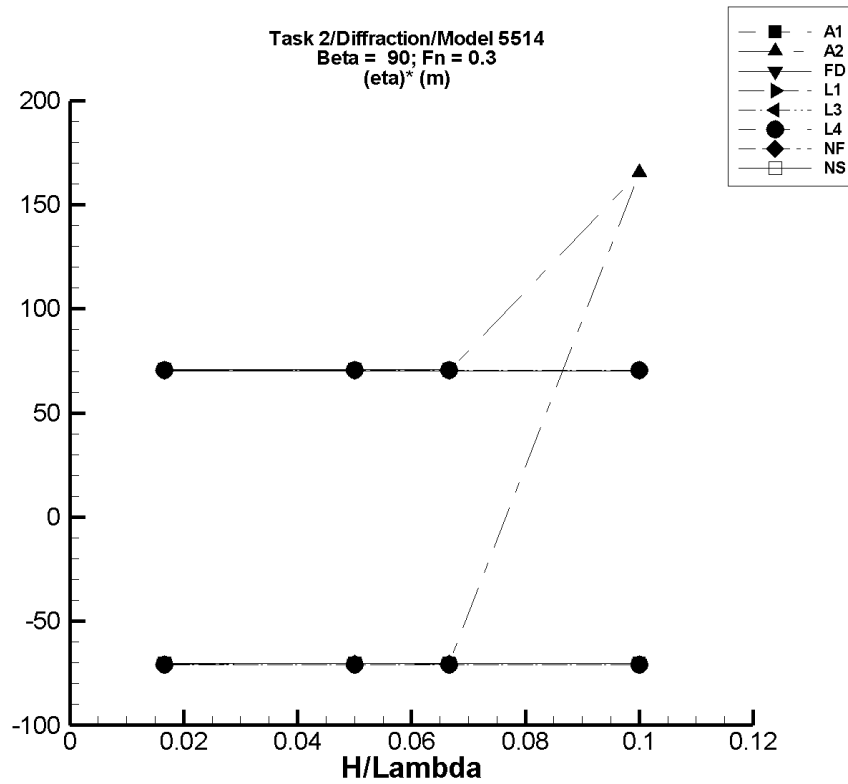


Figure R-8. Minimum and Maximum of $(\eta)^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-57. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-8.65E-04	-1.19	1.19	-1.18	1.18	-70.6	70.6
1/20	-2.59E-03	-3.56	3.56	-3.52	3.52	-70.4	70.4
1/15	-3.45E-03	-4.74	4.74	-4.69	4.69	-70.3	70.3
1/10	-5.18E-03	-7.12	7.12	-7.04	7.04	-70.4	70.4

Table R-58. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-8.65E-04	-1.19	1.19	-1.18	1.18	-70.6	70.6
1/20	-2.59E-03	-3.56	3.56	-3.52	3.52	-70.4	70.4
1/15	-3.45E-03	-4.74	4.74	-4.69	4.69	-70.3	70.3
1/10	-9.44	7.09	7.12	7.09	7.12	165.	166.

Table R-59. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-4.06E-05	-1.18	1.18	-1.17	1.17	-70.2	70.2
1/20	-1.21E-04	-3.55	3.55	-3.51	3.51	-70.2	70.2
1/15	-1.62E-04	-4.73	4.73	-4.68	4.68	-70.2	70.2
1/10	-2.44E-04	-7.10	7.10	-7.02	7.02	-70.2	70.2

Table R-60. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle\eta\rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η) [*]	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	5.20E-04	-1.18	1.18	-1.18	1.18	-70.8	70.7
1/20	1.56E-03	-3.55	3.55	-3.54	3.54	-70.8	70.7
1/15	2.08E-03	-4.73	4.73	-4.72	4.72	-70.8	70.7
1/10	3.12E-03	-7.10	7.10	-7.08	7.07	-70.8	70.7

Table R-61. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle\eta\rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η) [*]	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	5.20E-04	-1.18	1.18	-1.18	1.18	-70.8	70.7
1/20	1.56E-03	-3.55	3.55	-3.54	3.54	-70.8	70.7
1/15	2.08E-03	-4.73	4.73	-4.72	4.72	-70.8	70.7
1/10	3.12E-03	-7.10	7.10	-7.08	7.07	-70.8	70.7

Table R-62. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle\eta\rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η) [*]	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	5.20E-04	-1.18	1.18	-1.18	1.18	-70.8	70.7
1/20	1.56E-03	-3.55	3.55	-3.54	3.54	-70.8	70.7
1/15	2.08E-03	-4.73	4.73	-4.72	4.72	-70.8	70.7
1/10	3.12E-03	-7.10	7.10	-7.08	7.07	-70.8	70.7

Table R–63. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–64. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-2.60E-04	-1.18	1.18	-1.17	1.18	-70.3	70.8
1/20	-7.80E-04	-3.55	3.55	-3.52	3.54	-70.3	70.8
1/15	-1.01E-03	-4.74	4.74	-4.71	4.73	-70.6	71.0
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

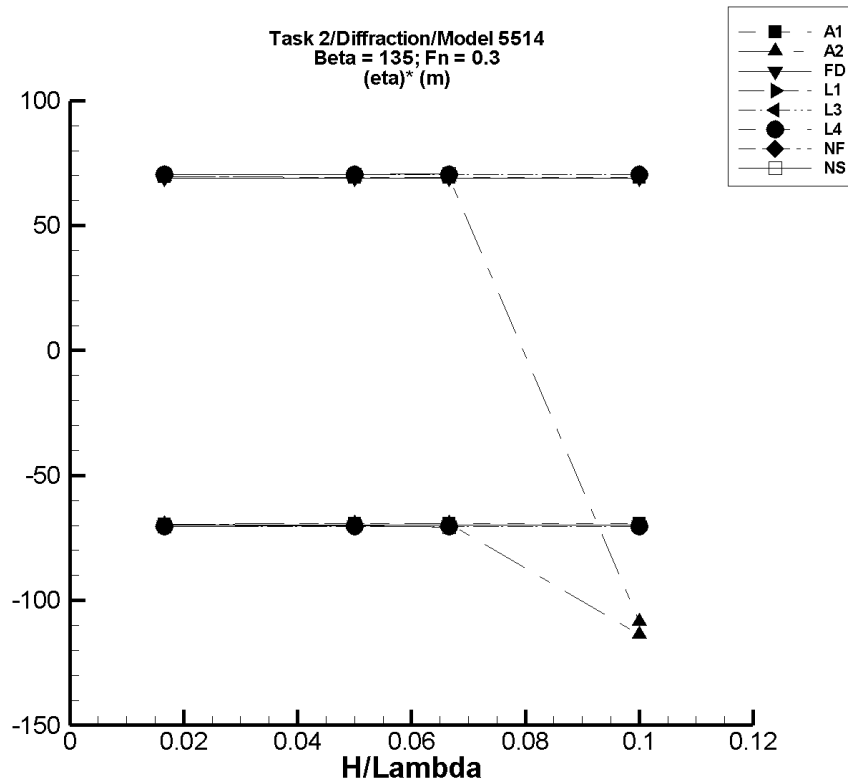


Figure R-9. Minimum and Maximum of $(\eta)^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

Table R–65. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-1.21E-03	-1.19	1.19	-1.16	1.16	-69.5	69.6
1/20	-3.62E-03	-3.56	3.56	-3.47	3.46	-69.3	69.4
1/15	-4.82E-03	-4.74	4.74	-4.62	4.61	-69.2	69.3
1/10	-7.24E-03	-7.12	7.12	-6.93	6.93	-69.3	69.4

Table R–66. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-1.21E-03	-1.19	1.19	-1.16	1.16	-69.5	69.6
1/20	-3.62E-03	-3.56	3.56	-3.47	3.46	-69.3	69.4
1/15	-4.82E-03	-4.74	4.74	-4.62	4.61	-69.2	69.3
1/10	6.18	-5.20	-4.68	-5.20	-4.68	-114.	-109.

Table R–67. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered (η)*	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	6.42E-04	-1.18	1.18	-1.17	1.15	-70.0	69.1
1/20	1.93E-03	-3.55	3.55	-3.50	3.46	-70.0	69.1
1/15	2.57E-03	-4.73	4.73	-4.66	4.61	-70.0	69.1
1/10	3.85E-03	-7.09	7.10	-6.99	6.92	-70.0	69.1

Table R–68. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-6.84E-04	-1.18	1.18	-1.17	1.17	-70.3	70.4
1/20	-2.05E-03	-3.55	3.55	-3.52	3.52	-70.3	70.4
1/15	-2.73E-03	-4.73	4.73	-4.69	4.69	-70.3	70.4
1/10	-4.10E-03	-7.10	7.10	-7.04	7.03	-70.3	70.4

Table R–69. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-6.84E-04	-1.18	1.18	-1.17	1.17	-70.3	70.4
1/20	-2.05E-03	-3.55	3.55	-3.52	3.52	-70.3	70.4
1/15	-2.73E-03	-4.73	4.73	-4.69	4.69	-70.3	70.4
1/10	-4.10E-03	-7.10	7.10	-7.04	7.03	-70.3	70.4

Table R–70. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-6.84E-04	-1.18	1.18	-1.17	1.17	-70.3	70.4
1/20	-2.05E-03	-3.55	3.55	-3.52	3.52	-70.3	70.4
1/15	-2.73E-03	-4.73	4.73	-4.69	4.69	-70.3	70.4
1/10	-4.10E-03	-7.10	7.10	-7.04	7.03	-70.3	70.4

Table R–71. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–72. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-5.42E-04	-1.18	1.18	-1.17	1.17	-70.3	70.5
1/20	-1.62E-03	-3.55	3.55	-3.51	3.52	-70.3	70.5
1/15	-2.24E-03	-4.73	4.73	-4.71	4.71	-70.6	70.8
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

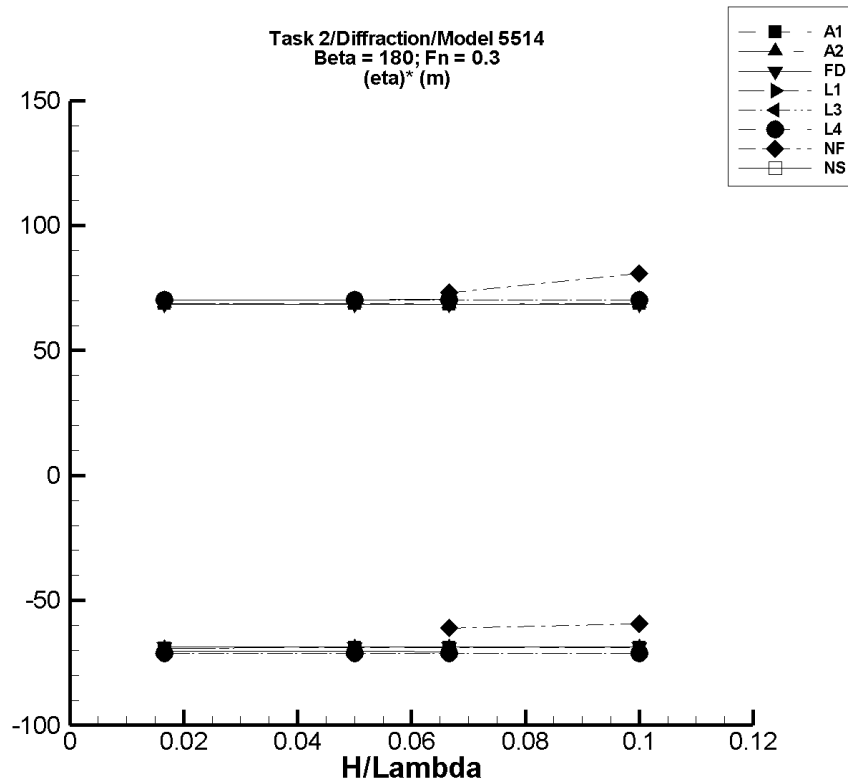


Figure R-10. Minimum and Maximum of $(\eta)^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

Table R-73. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	1.15E-03	-1.19	1.19	-1.15	1.15	-69.1	68.9
1/20	3.45E-03	-3.56	3.56	-3.44	3.44	-68.9	68.7
1/15	4.59E-03	-4.74	4.74	-4.58	4.58	-68.8	68.6
1/10	6.90E-03	-7.12	7.11	-6.88	6.87	-68.9	68.7

Table R-74. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	1.15E-03	-1.19	1.19	-1.15	1.15	-69.1	68.9
1/20	3.45E-03	-3.56	3.56	-3.44	3.44	-68.9	68.7
1/15	4.59E-03	-4.74	4.74	-4.58	4.58	-68.8	68.6
1/10	6.90E-03	-7.12	7.11	-6.88	6.87	-68.9	68.7

Table R-75. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-2.47E-04	-1.18	1.18	-1.14	1.14	-68.7	68.6
1/20	-7.42E-04	-3.55	3.55	-3.43	3.43	-68.7	68.6
1/15	-9.89E-04	-4.73	4.73	-4.58	4.57	-68.7	68.6
1/10	-1.48E-03	-7.10	7.10	-6.87	6.86	-68.7	68.6

Table R-76. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-1.95E-03	-1.18	1.18	-1.19	1.17	-71.1	70.3
1/20	-5.86E-03	-3.55	3.55	-3.56	3.51	-71.1	70.3
1/15	-7.81E-03	-4.73	4.73	-4.74	4.68	-71.1	70.3
1/10	-1.17E-02	-7.10	7.10	-7.12	7.02	-71.1	70.3

Table R-77. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-1.95E-03	-1.18	1.18	-1.19	1.17	-71.1	70.3
1/20	-5.86E-03	-3.55	3.55	-3.56	3.51	-71.1	70.3
1/15	-7.81E-03	-4.73	4.73	-4.74	4.68	-71.1	70.3
1/10	-1.17E-02	-7.10	7.10	-7.12	7.02	-71.1	70.3

Table R-78. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	-1.95E-03	-1.18	1.18	-1.19	1.17	-71.1	70.3
1/20	-5.86E-03	-3.55	3.55	-3.56	3.51	-71.1	70.3
1/15	-7.81E-03	-4.73	4.73	-4.74	4.68	-71.1	70.3
1/10	-1.17E-02	-7.10	7.10	-7.12	7.02	-71.1	70.3

Table R–79. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	—	—	—	—	—	—	—
1/20	-2.57E-03	-3.27	3.82	-3.14	3.58	-62.7	71.7
1/15	-3.62E-03	-4.24	5.22	-4.09	4.87	-61.3	73.1
1/10	-1.71E-02	-5.98	8.21	-5.95	8.06	-59.3	80.8

Table R–80. Minimum and Maximum of η for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle \eta \rangle$ Mean (m)	Unfiltered η		Filtered η		Filtered $(\eta)^*$	
		Min. (m)	Max. (m)	Min. (m)	Max. (m)	Min. (m)	Max. (m)
1/60	1.94E-03	-1.18	1.18	-1.17	1.17	-70.4	70.2
1/20	5.82E-03	-3.55	3.55	-3.52	3.52	-70.4	70.2
1/15	7.90E-03	-4.73	4.73	-4.71	4.71	-70.7	70.5
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

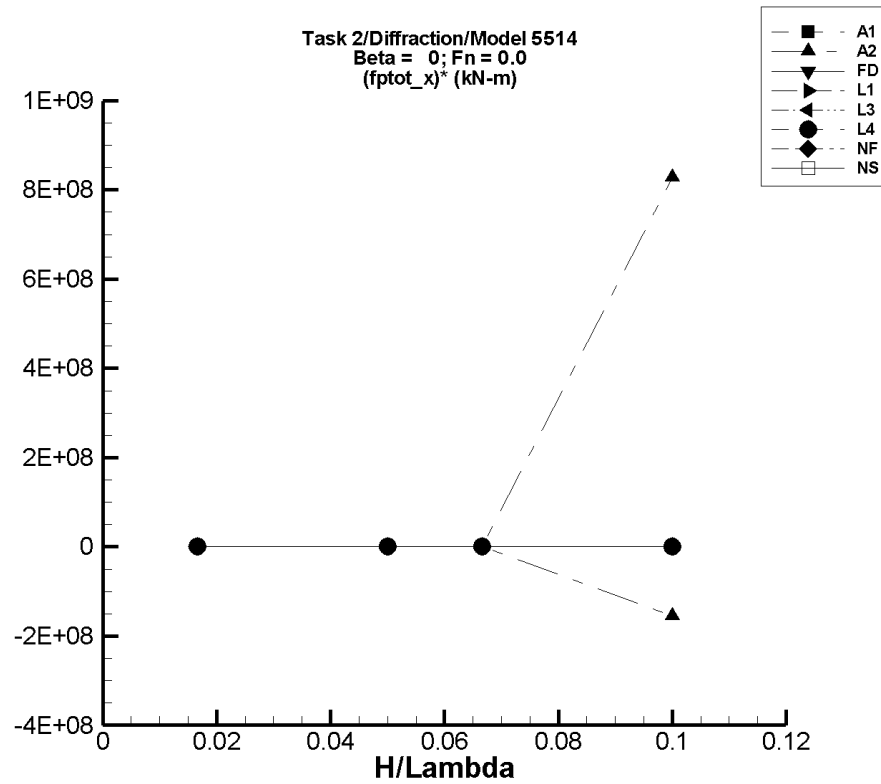


Figure R-11. Minimum and Maximum of $(F_x^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0.

Table R–81. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	$(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	-0.347	-920.	928.	-911.	913.	-5.46E+04	5.48E+04
1/20	-1.04	-2.75E+03	2.78E+03	-2.72E+03	2.73E+03	-5.45E+04	5.46E+04
1/15	-1.38	-3.67E+03	3.70E+03	-3.63E+03	3.64E+03	-5.44E+04	5.45E+04
1/10	-2.07	-5.51E+03	5.55E+03	-5.45E+03	5.46E+03	-5.45E+04	5.46E+04

Table R–82. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	$(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	49.8	-875.	1.03E+03	-866.	1.01E+03	-5.49E+04	5.75E+04
1/20	27.0	-2.62E+03	3.14E+03	-2.57E+03	3.05E+03	-5.19E+04	6.05E+04
1/15	-7.71	-3.67E+03	4.36E+03	-3.54E+03	4.19E+03	-5.30E+04	6.30E+04
1/10	7.70E+06	-5.92E+03	6.79E+08	-7.74E+06	9.05E+07	-1.54E+08	8.28E+08

Table R–83. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	$(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	-21.5	-1.45E+03	1.36E+03	-1.43E+03	1.34E+03	-8.47E+04	8.19E+04
1/20	-15.3	-4.60E+03	4.14E+03	-4.52E+03	4.09E+03	-9.02E+04	8.22E+04
1/15	-8.95	-6.26E+03	5.54E+03	-6.14E+03	5.49E+03	-9.19E+04	8.24E+04
1/10	10.9	-9.36E+03	8.24E+03	-9.16E+03	8.17E+03	-9.17E+04	8.16E+04

TASK 2/DIFFRACTION/MODEL 5514

Table R–84. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	-0.491	-759.	766.	-756.	763.	-4.53E+04	4.58E+04
1/20	-6.51	-2.27E+03	2.31E+03	-2.26E+03	2.30E+03	-4.50E+04	4.61E+04
1/15	-12.0	-3.02E+03	3.08E+03	-3.01E+03	3.07E+03	-4.49E+04	4.62E+04
1/10	-28.1	-4.51E+03	4.65E+03	-4.49E+03	4.63E+03	-4.46E+04	4.65E+04

Table R–85. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	-16.4	-789.	737.	-785.	734.	-4.61E+04	4.50E+04
1/20	-21.8	-2.34E+03	2.21E+03	-2.32E+03	2.20E+03	-4.60E+04	4.44E+04
1/15	-26.4	-3.00E+03	2.87E+03	-2.97E+03	2.85E+03	-4.42E+04	4.32E+04
1/10	-36.1	-3.80E+03	3.66E+03	-3.75E+03	3.63E+03	-3.71E+04	3.67E+04

Table R–86. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	22.2	-774.	766.	-766.	763.	-4.73E+04	4.44E+04
1/20	329.	-2.18E+03	2.42E+03	-2.09E+03	2.40E+03	-4.84E+04	4.14E+04
1/15	600.	-2.64E+03	3.30E+03	-2.54E+03	3.25E+03	-4.71E+04	3.98E+04
1/10	1.29E+03	-3.74E+03	4.71E+03	-2.76E+03	4.62E+03	-4.05E+04	3.33E+04

Table R–87. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{ptot}} \rangle$	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–88. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{ptot}} \rangle$	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

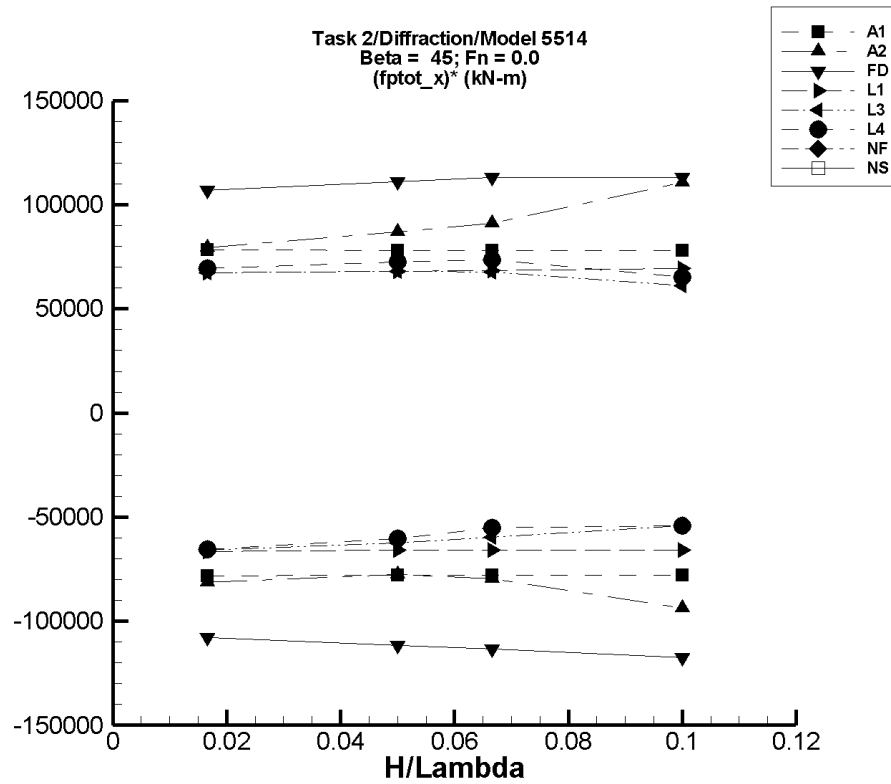


Figure R-12. Minimum and Maximum of $(F_x^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R–89. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot} Min. (kN)	Unfiltered F_x^{ptot} Max. (kN)	Filtered F_x^{ptot} Min. (kN)	Filtered F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	-1.15	-1.32E+03	1.32E+03	-1.30E+03	1.30E+03	-7.82E+04	7.83E+04
1/20	-3.45	-3.95E+03	3.94E+03	-3.90E+03	3.90E+03	-7.80E+04	7.81E+04
1/15	-4.59	-5.25E+03	5.25E+03	-5.19E+03	5.19E+03	-7.79E+04	7.80E+04
1/10	-6.90	-7.89E+03	7.89E+03	-7.80E+03	7.80E+03	-7.80E+04	7.81E+04

Table R–90. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot} Min. (kN)	Unfiltered F_x^{ptot} Max. (kN)	Filtered F_x^{ptot} Min. (kN)	Filtered F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	35.2	-2.43E+03	1.37E+03	-1.32E+03	1.36E+03	-8.14E+04	7.93E+04
1/20	9.78	-3.90E+03	4.41E+03	-3.87E+03	4.36E+03	-7.75E+04	8.69E+04
1/15	-37.2	-5.40E+03	6.28E+03	-5.35E+03	6.04E+03	-7.97E+04	9.12E+04
1/10	282.	-9.18E+03	1.53E+04	-9.09E+03	1.13E+04	-9.37E+04	1.11E+05

Table R–91. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot} Min. (kN)	Unfiltered F_x^{ptot} Max. (kN)	Filtered F_x^{ptot} Min. (kN)	Filtered F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	-21.6	-1.84E+03	1.78E+03	-1.82E+03	1.76E+03	-1.08E+05	1.07E+05
1/20	-21.8	-5.67E+03	5.59E+03	-5.61E+03	5.53E+03	-1.12E+05	1.11E+05
1/15	-23.7	-7.67E+03	7.61E+03	-7.59E+03	7.52E+03	-1.13E+05	1.13E+05
1/10	-16.4	-1.19E+04	1.14E+04	-1.18E+04	1.13E+04	-1.17E+05	1.13E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-92. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot} Min. (kN)	Unfiltered F_x^{ptot} Max. (kN)	Filtered F_x^{ptot} Min. (kN)	Filtered F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	-3.16	-1.12E+03	1.12E+03	-1.11E+03	1.12E+03	-6.64E+04	6.73E+04
1/20	-21.9	-3.34E+03	3.40E+03	-3.32E+03	3.38E+03	-6.60E+04	6.81E+04
1/15	-37.6	-4.45E+03	4.55E+03	-4.43E+03	4.53E+03	-6.59E+04	6.85E+04
1/10	-81.3	-6.68E+03	6.90E+03	-6.65E+03	6.87E+03	-6.57E+04	6.95E+04

Table R-93. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot} Min. (kN)	Unfiltered F_x^{ptot} Max. (kN)	Filtered F_x^{ptot} Min. (kN)	Filtered F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	-19.0	-1.12E+03	1.11E+03	-1.12E+03	1.11E+03	-6.60E+04	6.75E+04
1/20	-36.7	-3.16E+03	3.39E+03	-3.15E+03	3.37E+03	-6.23E+04	6.81E+04
1/15	-51.8	-4.04E+03	4.49E+03	-4.02E+03	4.46E+03	-5.96E+04	6.77E+04
1/10	-84.7	-5.54E+03	6.08E+03	-5.52E+03	6.04E+03	-5.43E+04	6.13E+04

Table R-94. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot} Min. (kN)	Unfiltered F_x^{ptot} Max. (kN)	Filtered F_x^{ptot} Min. (kN)	Filtered F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	28.9	-1.07E+03	1.19E+03	-1.06E+03	1.19E+03	-6.56E+04	6.94E+04
1/20	399.	-2.65E+03	4.07E+03	-2.61E+03	4.03E+03	-6.02E+04	7.26E+04
1/15	708.	-3.05E+03	5.66E+03	-2.96E+03	5.60E+03	-5.51E+04	7.34E+04
1/10	1.45E+03	-4.84E+03	8.08E+03	-3.95E+03	7.98E+03	-5.40E+04	6.53E+04

Table R–95. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{ptot}} \rangle$	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–96. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{ptot}} \rangle$	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

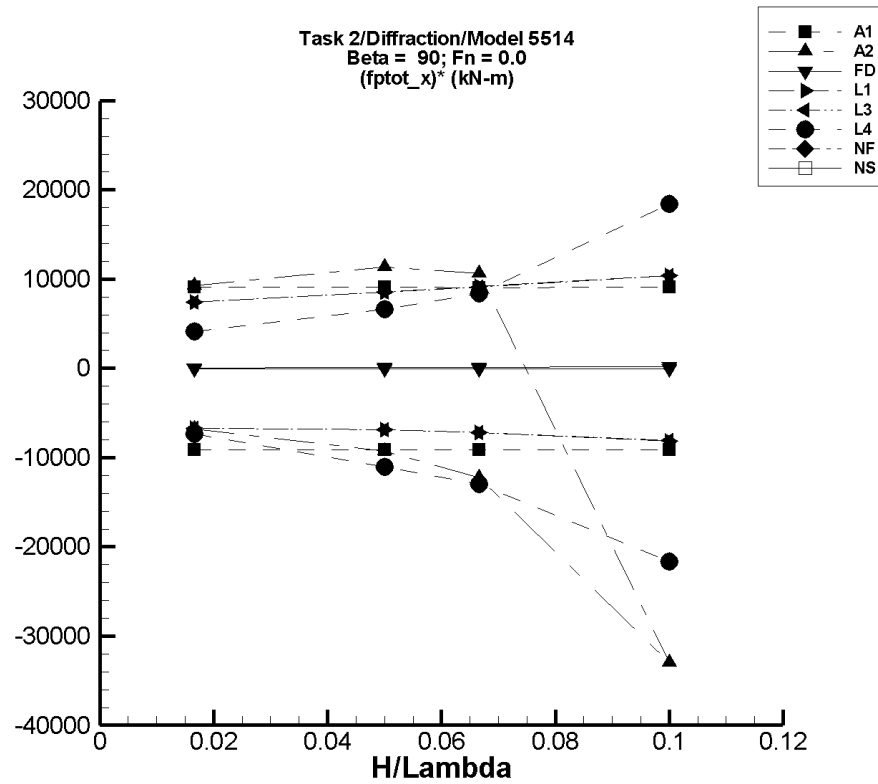


Figure R-13. Minimum and Maximum of $(F_x^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

Table R-97. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{ptot}} \rangle$	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.39	-157.	153.	-154.	150.	-9.14E+03	9.10E+03
1/20	-4.17	-469.	456.	-460.	450.	-9.12E+03	9.08E+03
1/15	-5.55	-625.	608.	-612.	599.	-9.10E+03	9.07E+03
1/10	-8.33	-939.	913.	-920.	900.	-9.12E+03	9.08E+03

Table R-98. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{ptot}} \rangle$	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	34.7	-1.12E+03	186.	-78.0	190.	-6.76E+03	9.30E+03
1/20	-26.7	-686.	3.01E+03	-492.	543.	-9.31E+03	1.14E+04
1/15	-38.3	-1.83E+03	664.	-853.	671.	-1.22E+04	1.06E+04
1/10	680.	-2.62E+03	-2.62E+03	-2.62E+03	-2.62E+03	-3.30E+04	-3.30E+04

Table R-99. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{ptot}} \rangle$	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-21.5	-22.4	-20.9	-22.4	-20.9	-49.3	35.6
1/20	-19.8	-22.2	-14.3	-21.8	-14.5	-41.6	106.
1/15	-18.4	-22.4	-9.78	-21.9	-9.87	-52.4	128.
1/10	-14.9	-22.9	0.840	-22.2	0.950	-72.8	159.

TASK 2/DIFFRACTION/MODEL 5514

Table R-100. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	-5.21	-117.	119.	-117.	118.	-6.70E+03	7.41E+03
1/20	-44.7	-390.	385.	-388.	383.	-6.86E+03	8.55E+03
1/15	-79.0	-563.	536.	-560.	531.	-7.22E+03	9.16E+03
1/10	-177.	-1.00E+03	874.	-993.	865.	-8.17E+03	1.04E+04

Table R-101. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	-21.1	-133.	102.	-133.	102.	-6.71E+03	7.38E+03
1/20	-59.4	-404.	369.	-402.	367.	-6.85E+03	8.52E+03
1/15	-92.7	-574.	520.	-571.	516.	-7.17E+03	9.13E+03
1/10	-186.	-1.00E+03	859.	-993.	850.	-8.07E+03	1.04E+04

Table R-102. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	-7.36	-144.	77.7	-130.	61.1	-7.38E+03	4.11E+03
1/20	18.6	-589.	387.	-536.	348.	-1.11E+04	6.59E+03
1/15	10.9	-963.	630.	-857.	572.	-1.30E+04	8.41E+03
1/10	-122.	-3.76E+03	1.81E+03	-2.28E+03	1.72E+03	-2.16E+04	1.84E+04

Table R–103. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{ptot}} \rangle$	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–104. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{ptot}} \rangle$	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

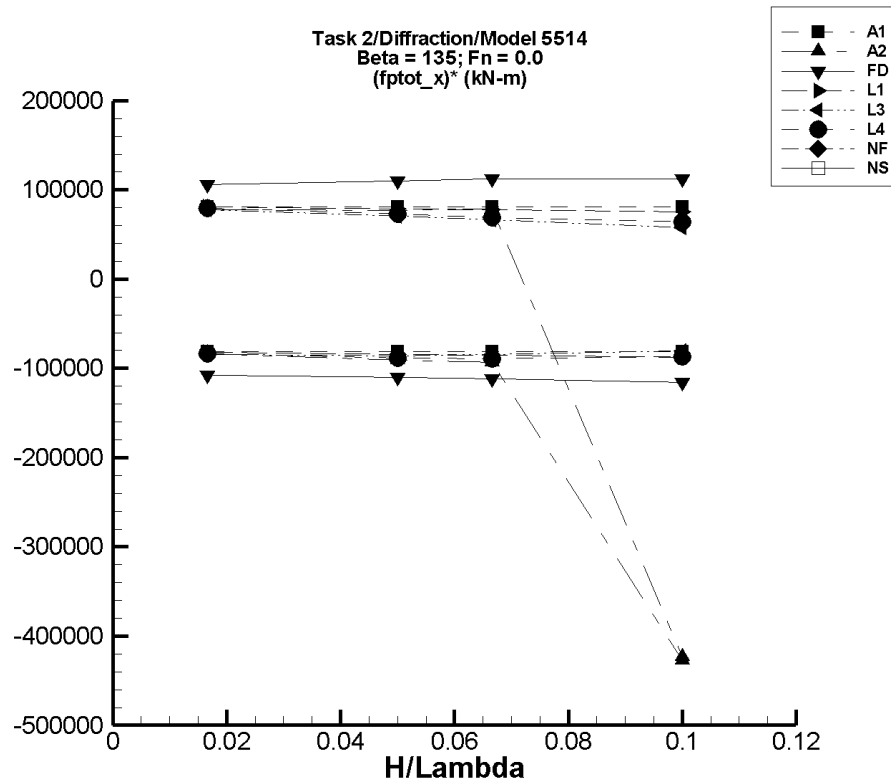


Figure R-14. Minimum and Maximum of $(F_x^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

Table R-105. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.207	-1.37E+03	1.37E+03	-1.36E+03	1.35E+03	-8.13E+04	8.11E+04
1/20	-0.619	-4.10E+03	4.09E+03	-4.05E+03	4.04E+03	-8.11E+04	8.09E+04
1/15	-0.824	-5.46E+03	5.45E+03	-5.40E+03	5.39E+03	-8.10E+04	8.08E+04
1/10	-1.24	-8.20E+03	8.18E+03	-8.11E+03	8.09E+03	-8.11E+04	8.09E+04

Table R-106. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	41.7	-2.41E+03	1.35E+03	-1.35E+03	1.33E+03	-8.34E+04	7.75E+04
1/20	14.7	-5.39E+03	3.91E+03	-4.55E+03	3.88E+03	-9.12E+04	7.72E+04
1/15	-0.407	-6.27E+03	5.33E+03	-6.20E+03	5.27E+03	-9.30E+04	7.90E+04
1/10	3.28E+04	-9.96E+03	-9.55E+03	-9.96E+03	-9.55E+03	-4.28E+05	-4.24E+05

Table R-107. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-21.6	-1.81E+03	1.76E+03	-1.82E+03	1.74E+03	-1.08E+05	1.06E+05
1/20	-20.1	-5.59E+03	5.54E+03	-5.54E+03	5.48E+03	-1.10E+05	1.10E+05
1/15	-18.9	-7.56E+03	7.54E+03	-7.48E+03	7.45E+03	-1.12E+05	1.12E+05
1/10	-8.93	-1.17E+04	1.13E+04	-1.16E+04	1.12E+04	-1.16E+05	1.12E+05

Table R-108. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot} Min. (kN)	Unfiltered F_x^{ptot} Max. (kN)	Filtered F_x^{ptot} Min. (kN)	Filtered F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	-1.21	-1.38E+03	1.34E+03	-1.37E+03	1.35E+03	-8.22E+04	8.09E+04
1/20	-9.52	-4.24E+03	3.91E+03	-4.22E+03	3.93E+03	-8.43E+04	7.88E+04
1/15	-16.6	-5.73E+03	5.14E+03	-5.71E+03	5.16E+03	-8.53E+04	7.77E+04
1/10	-36.7	-8.83E+03	7.49E+03	-8.78E+03	7.51E+03	-8.75E+04	7.55E+04

Table R-109. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot} Min. (kN)	Unfiltered F_x^{ptot} Max. (kN)	Filtered F_x^{ptot} Min. (kN)	Filtered F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	-17.0	-1.42E+03	1.28E+03	-1.42E+03	1.28E+03	-8.41E+04	7.81E+04
1/20	-24.0	-4.33E+03	3.52E+03	-4.31E+03	3.51E+03	-8.57E+04	7.06E+04
1/15	-30.9	-5.68E+03	4.44E+03	-5.65E+03	4.43E+03	-8.43E+04	6.69E+04
1/10	-41.9	-8.11E+03	5.77E+03	-8.07E+03	5.76E+03	-8.03E+04	5.80E+04

Table R-110. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot} Min. (kN)	Unfiltered F_x^{ptot} Max. (kN)	Filtered F_x^{ptot} Min. (kN)	Filtered F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	-37.4	-1.44E+03	1.28E+03	-1.43E+03	1.29E+03	-8.34E+04	7.95E+04
1/20	-253.	-4.70E+03	3.42E+03	-4.67E+03	3.41E+03	-8.83E+04	7.32E+04
1/15	-464.	-6.53E+03	4.14E+03	-6.44E+03	4.15E+03	-8.96E+04	6.92E+04
1/10	-894.	-9.73E+03	5.51E+03	-9.60E+03	5.49E+03	-8.70E+04	6.38E+04

Table R–111. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{ptot}} \rangle$	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–112. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{ptot}} \rangle$	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

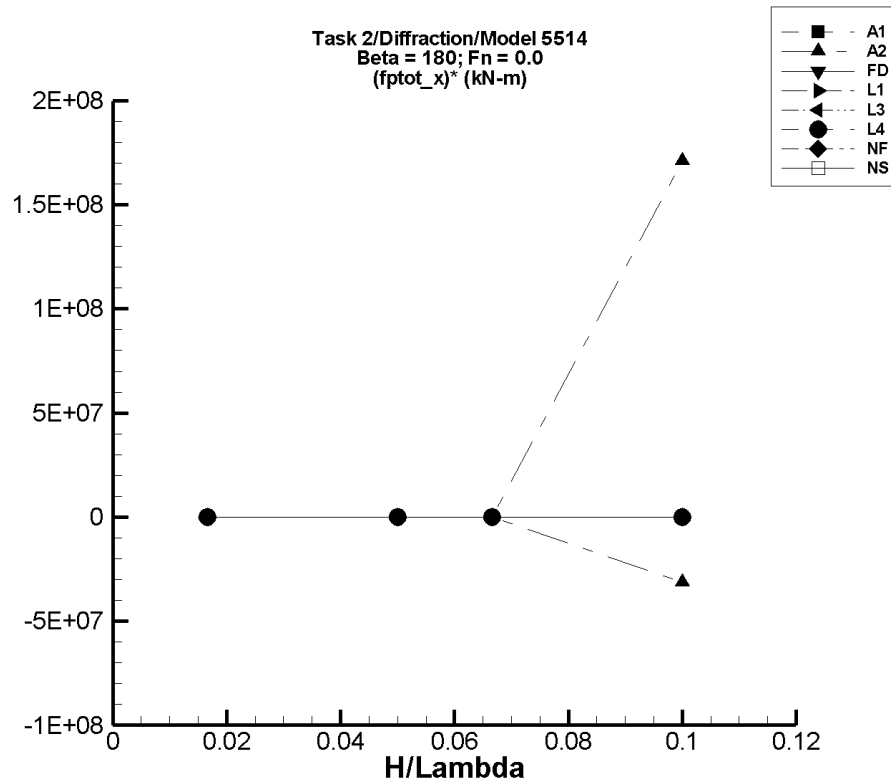


Figure R-15. Minimum and Maximum of $(F_x^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-113. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	-8.51E-02	-1.05E+03	1.05E+03	-1.04E+03	1.04E+03	-6.24E+04	6.24E+04
1/20	-0.255	-3.15E+03	3.15E+03	-3.11E+03	3.11E+03	-6.23E+04	6.22E+04
1/15	-0.340	-4.20E+03	4.19E+03	-4.15E+03	4.14E+03	-6.22E+04	6.21E+04
1/10	-0.510	-6.31E+03	6.29E+03	-6.23E+03	6.22E+03	-6.23E+04	6.22E+04

Table R-114. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	50.2	-1.01E+03	1.01E+03	-1.00E+03	1.00E+03	-6.30E+04	5.70E+04
1/20	15.2	-3.66E+03	2.55E+03	-3.59E+03	2.53E+03	-7.21E+04	5.04E+04
1/15	-4.95	-5.16E+03	3.24E+03	-5.06E+03	3.22E+03	-7.58E+04	4.84E+04
1/10	1.54E+06	-8.73E+03	1.40E+08	-1.59E+06	1.86E+07	-3.13E+07	1.71E+08

Table R-115. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	-21.4	-1.43E+03	1.33E+03	-1.43E+03	1.31E+03	-8.48E+04	8.01E+04
1/20	-16.2	-4.56E+03	4.01E+03	-4.49E+03	3.97E+03	-8.96E+04	7.98E+04
1/15	-9.50	-6.24E+03	5.36E+03	-6.12E+03	5.31E+03	-9.16E+04	7.97E+04
1/10	4.77	-9.36E+03	8.00E+03	-9.16E+03	7.94E+03	-9.17E+04	7.93E+04

TASK 2/DIFFRACTION/MODEL 5514

Table R-116. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	7.39	-965.	970.	-961.	967.	-5.81E+04	5.75E+04
1/20	65.9	-2.87E+03	2.93E+03	-2.86E+03	2.92E+03	-5.86E+04	5.71E+04
1/15	117.	-3.82E+03	3.92E+03	-3.80E+03	3.91E+03	-5.88E+04	5.69E+04
1/10	263.	-5.70E+03	5.93E+03	-5.67E+03	5.91E+03	-5.93E+04	5.65E+04

Table R-117. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	-8.55	-1.03E+03	894.	-1.03E+03	892.	-6.10E+04	5.40E+04
1/20	50.5	-3.20E+03	2.31E+03	-3.18E+03	2.31E+03	-6.46E+04	4.52E+04
1/15	104.	-4.22E+03	2.83E+03	-4.19E+03	2.83E+03	-6.44E+04	4.09E+04
1/10	256.	-5.77E+03	3.95E+03	-5.72E+03	3.94E+03	-5.97E+04	3.69E+04

Table R-118. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	-35.1	-1.04E+03	923.	-1.04E+03	915.	-6.01E+04	5.70E+04
1/20	-212.	-3.43E+03	2.55E+03	-3.36E+03	2.46E+03	-6.29E+04	5.35E+04
1/15	-369.	-4.73E+03	3.16E+03	-4.68E+03	3.05E+03	-6.47E+04	5.13E+04
1/10	-571.	-8.21E+03	4.62E+03	-6.73E+03	4.33E+03	-6.16E+04	4.90E+04

Table R–119. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{ptot}} \rangle$	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–120. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{ptot}} \rangle$	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

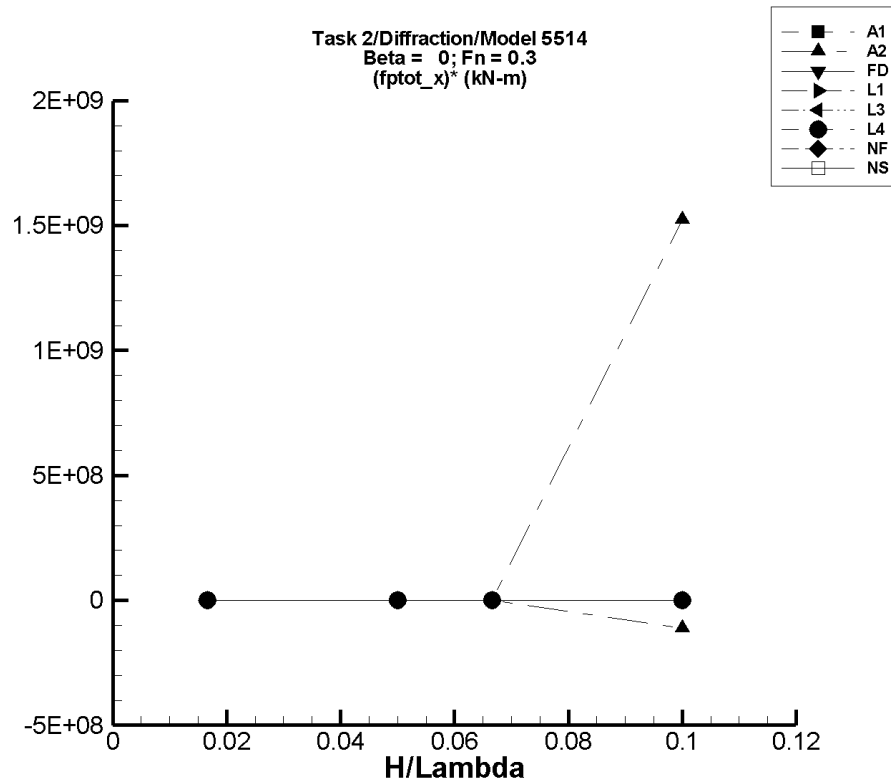


Figure R-16. Minimum and Maximum of $(F_x^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-121. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot} Min. (kN)	Unfiltered F_x^{ptot} Max. (kN)	Filtered F_x^{ptot} Min. (kN)	Filtered F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	0.893	-700.	707.	-695.	700.	-4.18E+04	4.19E+04
1/20	2.67	-2.09E+03	2.11E+03	-2.08E+03	2.09E+03	-4.17E+04	4.18E+04
1/15	3.56	-2.79E+03	2.81E+03	-2.77E+03	2.79E+03	-4.16E+04	4.18E+04
1/10	5.34	-4.19E+03	4.23E+03	-4.16E+03	4.19E+03	-4.17E+04	4.18E+04

Table R-122. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot} Min. (kN)	Unfiltered F_x^{ptot} Max. (kN)	Filtered F_x^{ptot} Min. (kN)	Filtered F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	48.1	-1.00E+03	777.	-705.	770.	-4.52E+04	4.33E+04
1/20	6.27	-4.89E+03	2.30E+03	-2.87E+03	2.29E+03	-5.75E+04	4.58E+04
1/15	-9.60	-3.74E+03	3.20E+03	-3.67E+03	3.15E+03	-5.49E+04	4.74E+04
1/10	3.80E+06	-6.29E+03	6.12E+08	-7.30E+06	1.56E+08	-1.11E+08	1.52E+09

Table R-123. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot} Min. (kN)	Unfiltered F_x^{ptot} Max. (kN)	Filtered F_x^{ptot} Min. (kN)	Filtered F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	-18.2	-1.54E+03	1.44E+03	-1.54E+03	1.44E+03	-9.15E+04	8.77E+04
1/20	-7.62	-4.89E+03	4.37E+03	-4.89E+03	4.37E+03	-9.76E+04	8.75E+04
1/15	0.601	-6.66E+03	5.83E+03	-6.65E+03	5.83E+03	-9.98E+04	8.74E+04
1/10	20.6	-9.97E+03	8.71E+03	-9.96E+03	8.71E+03	-9.98E+04	8.69E+04

Table R-124. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot} Min. (kN)	Unfiltered F_x^{ptot} Max. (kN)	Filtered F_x^{ptot} Min. (kN)	Filtered F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	-318.	-1.08E+03	451.	-1.08E+03	451.	-4.60E+04	4.61E+04
1/20	-210.	-2.49E+03	2.11E+03	-2.49E+03	2.11E+03	-4.57E+04	4.64E+04
1/15	-116.	-3.15E+03	2.99E+03	-3.15E+03	2.99E+03	-4.55E+04	4.65E+04
1/10	149.	-4.38E+03	4.83E+03	-4.37E+03	4.83E+03	-4.52E+04	4.68E+04

Table R-125. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot} Min. (kN)	Unfiltered F_x^{ptot} Max. (kN)	Filtered F_x^{ptot} Min. (kN)	Filtered F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	-334.	-1.15E+03	454.	-1.15E+03	454.	-4.87E+04	4.72E+04
1/20	-226.	-2.65E+03	2.09E+03	-2.65E+03	2.09E+03	-4.85E+04	4.63E+04
1/15	-132.	-3.24E+03	2.87E+03	-3.24E+03	2.87E+03	-4.66E+04	4.50E+04
1/10	135.	-3.79E+03	3.96E+03	-3.78E+03	3.96E+03	-3.92E+04	3.82E+04

Table R-126. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot} Min. (kN)	Unfiltered F_x^{ptot} Max. (kN)	Filtered F_x^{ptot} Min. (kN)	Filtered F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	-337.	-1.32E+03	893.	-1.31E+03	866.	-5.85E+04	7.22E+04
1/20	-323.	-3.59E+03	2.35E+03	-3.56E+03	2.32E+03	-6.47E+04	5.28E+04
1/15	-294.	-4.79E+03	3.08E+03	-4.71E+03	3.06E+03	-6.62E+04	5.03E+04
1/10	83.4	-7.14E+03	5.08E+03	-6.11E+03	5.03E+03	-6.19E+04	4.95E+04

Table R–127. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{ptot}} \rangle$	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–128. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{ptot}} \rangle$	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

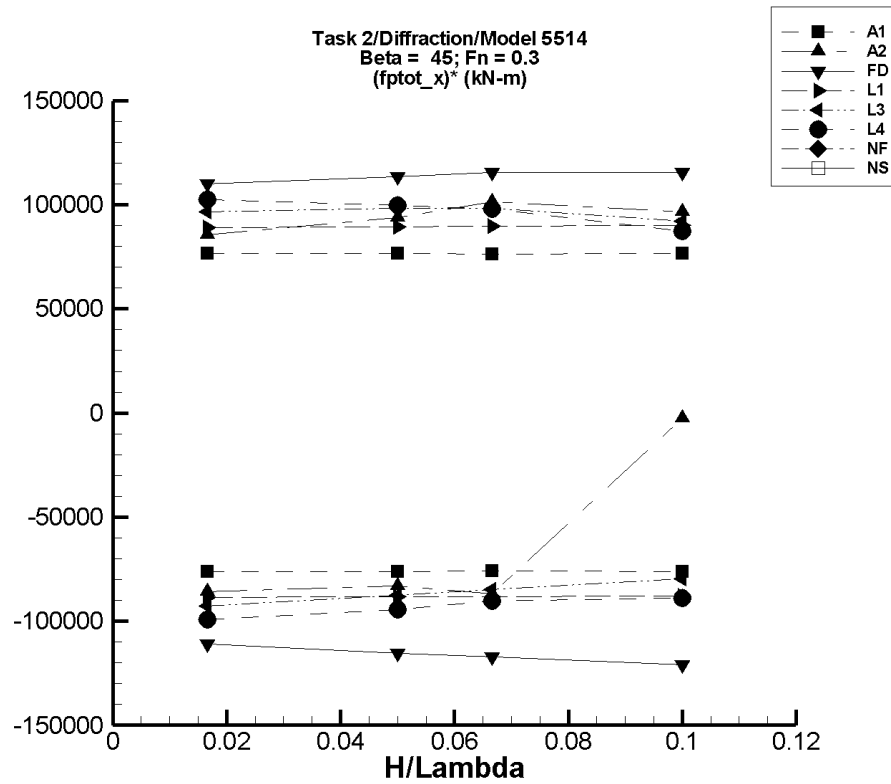


Figure R-17. Minimum and Maximum of $(F_x^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

Table R-129. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot} Min. (kN)	Unfiltered F_x^{ptot} Max. (kN)	Filtered F_x^{ptot} Min. (kN)	Filtered F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	3.15	-1.27E+03	1.29E+03	-1.27E+03	1.28E+03	-7.63E+04	7.68E+04
1/20	9.42	-3.80E+03	3.85E+03	-3.80E+03	3.84E+03	-7.61E+04	7.65E+04
1/15	12.5	-5.07E+03	5.12E+03	-5.05E+03	5.11E+03	-7.60E+04	7.64E+04
1/10	18.8	-7.61E+03	7.69E+03	-7.59E+03	7.67E+03	-7.61E+04	7.65E+04

Table R-130. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot} Min. (kN)	Unfiltered F_x^{ptot} Max. (kN)	Filtered F_x^{ptot} Min. (kN)	Filtered F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	46.5	-2.49E+03	1.48E+03	-1.39E+03	1.47E+03	-8.60E+04	8.56E+04
1/20	27.9	-4.14E+03	4.74E+03	-4.13E+03	4.72E+03	-8.31E+04	9.39E+04
1/15	-38.8	-5.84E+03	6.77E+03	-5.83E+03	6.72E+03	-8.68E+04	1.01E+05
1/10	-9.95E+03	-1.05E+04	-327.	-1.02E+04	-294.	-2.40E+03	9.66E+04

Table R-131. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot} Min. (kN)	Unfiltered F_x^{ptot} Max. (kN)	Filtered F_x^{ptot} Min. (kN)	Filtered F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	-24.0	-1.88E+03	1.81E+03	-1.87E+03	1.81E+03	-1.11E+05	1.10E+05
1/20	-28.2	-5.80E+03	5.67E+03	-5.79E+03	5.65E+03	-1.15E+05	1.14E+05
1/15	-31.2	-7.85E+03	7.68E+03	-7.83E+03	7.66E+03	-1.17E+05	1.15E+05
1/10	-26.2	-1.22E+04	1.15E+04	-1.21E+04	1.15E+04	-1.21E+05	1.15E+05

Table R-132. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	-327.	-1.81E+03	1.16E+03	-1.80E+03	1.16E+03	-8.87E+04	8.89E+04
1/20	-285.	-4.71E+03	4.19E+03	-4.70E+03	4.18E+03	-8.84E+04	8.93E+04
1/15	-248.	-6.14E+03	5.73E+03	-6.13E+03	5.72E+03	-8.82E+04	8.96E+04
1/10	-143.	-8.95E+03	8.87E+03	-8.95E+03	8.86E+03	-8.80E+04	9.00E+04

Table R-133. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	-342.	-1.89E+03	1.27E+03	-1.89E+03	1.27E+03	-9.29E+04	9.67E+04
1/20	-300.	-4.67E+03	4.63E+03	-4.67E+03	4.62E+03	-8.74E+04	9.85E+04
1/15	-264.	-5.91E+03	6.30E+03	-5.91E+03	6.29E+03	-8.47E+04	9.83E+04
1/10	-151.	-8.13E+03	9.07E+03	-8.13E+03	9.06E+03	-7.98E+04	9.21E+04

Table R-134. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	-347.	-2.01E+03	1.36E+03	-2.00E+03	1.36E+03	-9.93E+04	1.02E+05
1/20	-266.	-5.03E+03	4.73E+03	-4.99E+03	4.72E+03	-9.45E+04	9.98E+04
1/15	-160.	-6.26E+03	6.39E+03	-6.18E+03	6.38E+03	-9.03E+04	9.81E+04
1/10	277.	-1.03E+04	9.05E+03	-8.61E+03	8.99E+03	-8.89E+04	8.72E+04

Table R–135. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{ptot}} \rangle$	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–136. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{ptot}} \rangle$	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

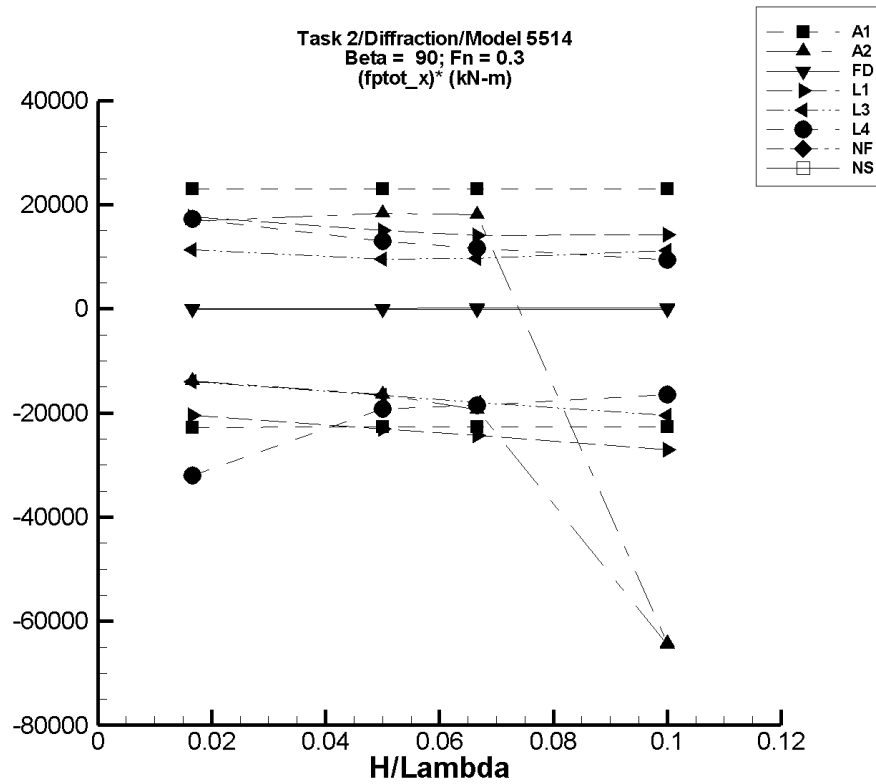


Figure R-18. Minimum and Maximum of $(F_x^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

Table R-137. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.649	-384.	390.	-379.	386.	-2.28E+04	2.31E+04
1/20	1.94	-1.15E+03	1.17E+03	-1.13E+03	1.15E+03	-2.27E+04	2.30E+04
1/15	2.58	-1.53E+03	1.55E+03	-1.51E+03	1.54E+03	-2.27E+04	2.30E+04
1/10	3.88	-2.30E+03	2.33E+03	-2.27E+03	2.31E+03	-2.27E+04	2.30E+04

Table R-138. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	36.6	-1.00E+03	315.	-195.	318.	-1.39E+04	1.69E+04
1/20	-20.8	-861.	3.07E+03	-844.	896.	-1.65E+04	1.83E+04
1/15	-30.5	-2.30E+03	1.17E+03	-1.32E+03	1.18E+03	-1.93E+04	1.81E+04
1/10	2.93E+03	-3.51E+03	-3.50E+03	-3.51E+03	-3.50E+03	-6.45E+04	-6.43E+04

Table R-139. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-21.5	-22.4	-20.9	-22.4	-20.9	-49.3	35.7
1/20	-19.8	-22.2	-14.3	-21.8	-14.5	-41.6	106.
1/15	-18.4	-22.4	-9.78	-21.9	-9.87	-52.4	128.
1/10	-14.9	-22.9	0.842	-22.2	0.950	-72.8	159.

Table R-140. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	-333.	-675.	-36.7	-673.	-37.5	-2.04E+04	1.77E+04
1/20	-343.	-1.50E+03	413.	-1.49E+03	412.	-2.30E+04	1.51E+04
1/15	-351.	-1.99E+03	593.	-1.98E+03	591.	-2.44E+04	1.41E+04
1/10	-374.	-3.10E+03	1.05E+03	-3.08E+03	1.05E+03	-2.70E+04	1.42E+04

Table R-141. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	-349.	-583.	-160.	-582.	-160.	-1.40E+04	1.13E+04
1/20	-357.	-1.19E+03	119.	-1.19E+03	117.	-1.66E+04	9.50E+03
1/15	-364.	-1.57E+03	288.	-1.56E+03	284.	-1.79E+04	9.72E+03
1/10	-383.	-2.45E+03	750.	-2.43E+03	738.	-2.04E+04	1.12E+04

Table R-142. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	-375.	-918.	-72.5	-908.	-86.2	-3.20E+04	1.73E+04
1/20	-596.	-1.60E+03	124.	-1.56E+03	52.7	-1.93E+04	1.30E+04
1/15	-706.	-1.96E+03	204.	-1.94E+03	70.6	-1.85E+04	1.17E+04
1/10	-663.	-2.67E+03	458.	-2.31E+03	277.	-1.65E+04	9.40E+03

Table R–143. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{ptot}} \rangle$	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–144. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{ptot}} \rangle$	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

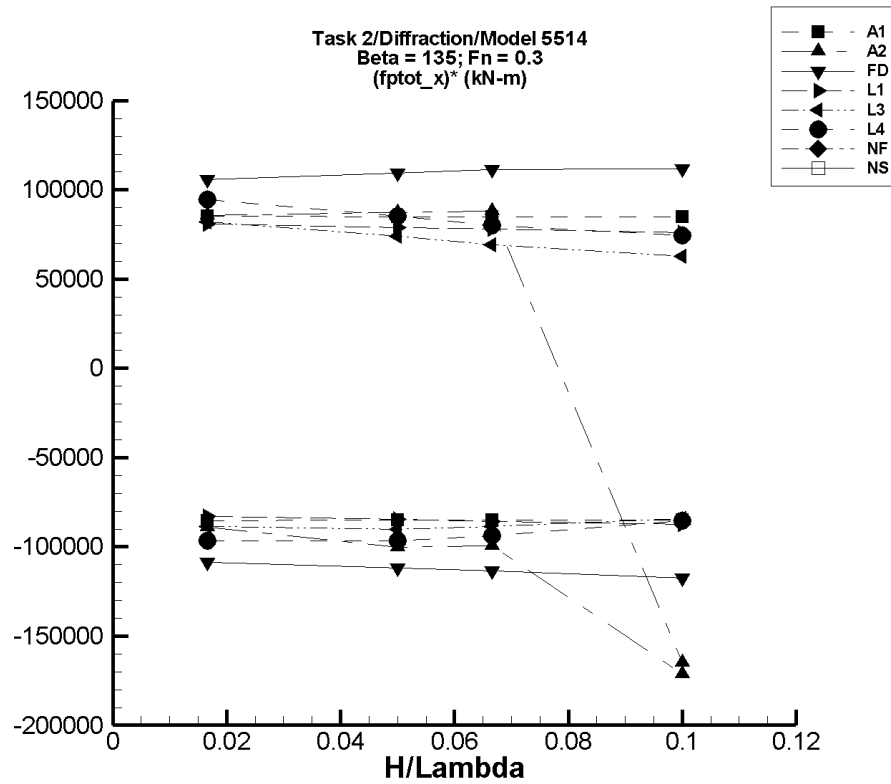


Figure R-19. Minimum and Maximum of $(F_x^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

Table R-145. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.455	-1.46E+03	1.46E+03	-1.42E+03	1.42E+03	-8.53E+04	8.52E+04
1/20	-1.36	-4.37E+03	4.36E+03	-4.26E+03	4.25E+03	-8.51E+04	8.49E+04
1/15	-1.81	-5.82E+03	5.80E+03	-5.67E+03	5.65E+03	-8.50E+04	8.48E+04
1/10	-2.72	-8.75E+03	8.71E+03	-8.51E+03	8.49E+03	-8.51E+04	8.49E+04

Table R-146. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	49.8	-1.47E+03	1.51E+03	-1.43E+03	1.47E+03	-8.88E+04	8.55E+04
1/20	11.4	-5.83E+03	4.47E+03	-4.99E+03	4.37E+03	-1.00E+05	8.72E+04
1/15	-14.9	-6.83E+03	6.08E+03	-6.64E+03	5.84E+03	-9.94E+04	8.79E+04
1/10	6.82E+03	-1.03E+04	-9.67E+03	-1.03E+04	-9.67E+03	-1.71E+05	-1.65E+05

Table R-147. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-20.7	-1.85E+03	1.79E+03	-1.83E+03	1.74E+03	-1.09E+05	1.06E+05
1/20	-15.9	-5.72E+03	5.61E+03	-5.60E+03	5.46E+03	-1.12E+05	1.10E+05
1/15	-12.0	-7.74E+03	7.62E+03	-7.57E+03	7.42E+03	-1.13E+05	1.11E+05
1/10	7.02	-1.20E+04	1.14E+04	-1.17E+04	1.12E+04	-1.17E+05	1.12E+05

Table R-148. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	-324.	-1.72E+03	1.03E+03	-1.70E+03	1.02E+03	-8.28E+04	8.07E+04
1/20	-271.	-4.55E+03	3.71E+03	-4.50E+03	3.68E+03	-8.47E+04	7.89E+04
1/15	-226.	-5.99E+03	5.02E+03	-5.93E+03	4.98E+03	-8.56E+04	7.80E+04
1/10	-99.0	-8.95E+03	7.58E+03	-8.85E+03	7.53E+03	-8.75E+04	7.62E+04

Table R-149. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	-340.	-1.83E+03	1.04E+03	-1.82E+03	1.03E+03	-8.87E+04	8.19E+04
1/20	-287.	-4.84E+03	3.43E+03	-4.79E+03	3.41E+03	-9.01E+04	7.38E+04
1/15	-243.	-6.20E+03	4.41E+03	-6.15E+03	4.38E+03	-8.86E+04	6.94E+04
1/10	-112.	-8.59E+03	6.19E+03	-8.51E+03	6.15E+03	-8.40E+04	6.26E+04

Table R-150. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	-397.	-2.02E+03	1.20E+03	-2.01E+03	1.18E+03	-9.68E+04	9.45E+04
1/20	-696.	-5.65E+03	3.61E+03	-5.52E+03	3.57E+03	-9.66E+04	8.53E+04
1/15	-876.	-7.21E+03	4.50E+03	-7.13E+03	4.45E+03	-9.38E+04	7.99E+04
1/10	-963.	-9.63E+03	6.64E+03	-9.51E+03	6.49E+03	-8.55E+04	7.45E+04

Table R–151. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{ptot}} \rangle$	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–152. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{ptot}} \rangle$	Unfiltered F_x^{ptot}		Filtered F_x^{ptot}		Filtered $(F_x^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

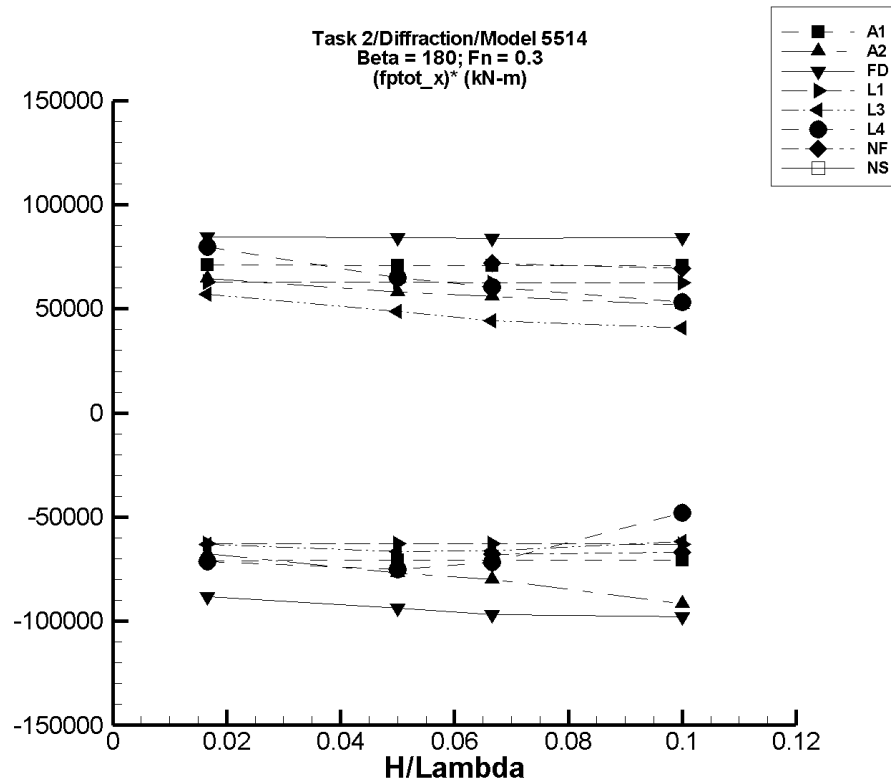


Figure R-20. Minimum and Maximum of $(F_x^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

Table R-153. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	1.55	-1.22E+03	1.23E+03	-1.18E+03	1.19E+03	-7.10E+04	7.11E+04
1/20	4.65	-3.65E+03	3.67E+03	-3.54E+03	3.55E+03	-7.08E+04	7.09E+04
1/15	6.19	-4.86E+03	4.89E+03	-4.71E+03	4.73E+03	-7.07E+04	7.08E+04
1/10	9.30	-7.31E+03	7.35E+03	-7.07E+03	7.10E+03	-7.08E+04	7.09E+04

Table R-154. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	36.3	-1.58E+03	1.15E+03	-1.09E+03	1.11E+03	-6.77E+04	6.47E+04
1/20	32.7	-4.00E+03	2.98E+03	-3.81E+03	2.93E+03	-7.68E+04	5.80E+04
1/15	20.2	-5.61E+03	3.82E+03	-5.30E+03	3.76E+03	-7.98E+04	5.61E+04
1/10	916.	-9.31E+03	1.55E+04	-8.24E+03	6.09E+03	-9.15E+04	5.17E+04

Table R-155. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	-27.0	-1.54E+03	1.43E+03	-1.50E+03	1.38E+03	-8.84E+04	8.46E+04
1/20	-36.7	-4.89E+03	4.29E+03	-4.72E+03	4.17E+03	-9.36E+04	8.40E+04
1/15	-41.0	-6.68E+03	5.72E+03	-6.49E+03	5.56E+03	-9.67E+04	8.40E+04
1/10	-47.8	-1.00E+04	8.58E+03	-9.82E+03	8.38E+03	-9.77E+04	8.43E+04

TASK 2/DIFFRACTION/MODEL 5514

Table R-156. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot} Min. (kN)	Unfiltered F_x^{ptot} Max. (kN)	Filtered F_x^{ptot} Min. (kN)	Filtered F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	-320.	-1.38E+03	741.	-1.36E+03	728.	-6.27E+04	6.29E+04
1/20	-212.	-3.39E+03	2.96E+03	-3.35E+03	2.93E+03	-6.28E+04	6.27E+04
1/15	-116.	-4.36E+03	4.11E+03	-4.31E+03	4.06E+03	-6.29E+04	6.27E+04
1/10	161.	-6.22E+03	6.49E+03	-6.14E+03	6.42E+03	-6.30E+04	6.26E+04

Table R-157. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot} Min. (kN)	Unfiltered F_x^{ptot} Max. (kN)	Filtered F_x^{ptot} Min. (kN)	Filtered F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	-336.	-1.40E+03	624.	-1.39E+03	615.	-6.32E+04	5.71E+04
1/20	-226.	-3.61E+03	2.23E+03	-3.55E+03	2.21E+03	-6.65E+04	4.87E+04
1/15	-126.	-4.64E+03	2.86E+03	-4.55E+03	2.84E+03	-6.63E+04	4.44E+04
1/10	162.	-6.17E+03	4.29E+03	-6.01E+03	4.24E+03	-6.18E+04	4.08E+04

Table R-158. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_x^{ptot} Min. (kN)	Unfiltered F_x^{ptot} Max. (kN)	Filtered F_x^{ptot} Min. (kN)	Filtered F_x^{ptot} Max. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Min. (kN)	Filtered $(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	-412.	-1.66E+03	946.	-1.60E+03	919.	-7.13E+04	7.99E+04
1/20	-666.	-4.55E+03	2.66E+03	-4.43E+03	2.58E+03	-7.53E+04	6.49E+04
1/15	-818.	-5.76E+03	3.42E+03	-5.61E+03	3.20E+03	-7.18E+04	6.03E+04
1/10	-199.	-5.74E+03	6.43E+03	-4.99E+03	5.11E+03	-4.79E+04	5.31E+04

Table R–159. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	$(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	-1.06E+03	-4.70E+03	2.74E+03	-4.55E+03	2.53E+03	-6.97E+04	7.19E+04
1/15	-1.47E+03	-6.13E+03	3.55E+03	-6.01E+03	3.32E+03	-6.80E+04	7.19E+04
1/10	-2.30E+03	-9.10E+03	4.69E+03	-8.97E+03	4.65E+03	-6.68E+04	6.95E+04

Table R–160. Minimum and Maximum of F_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	F_x^{ptot} Max. (kN)	Filtered Min. (kN)	$(F_x^{\text{ptot}})^*$ Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

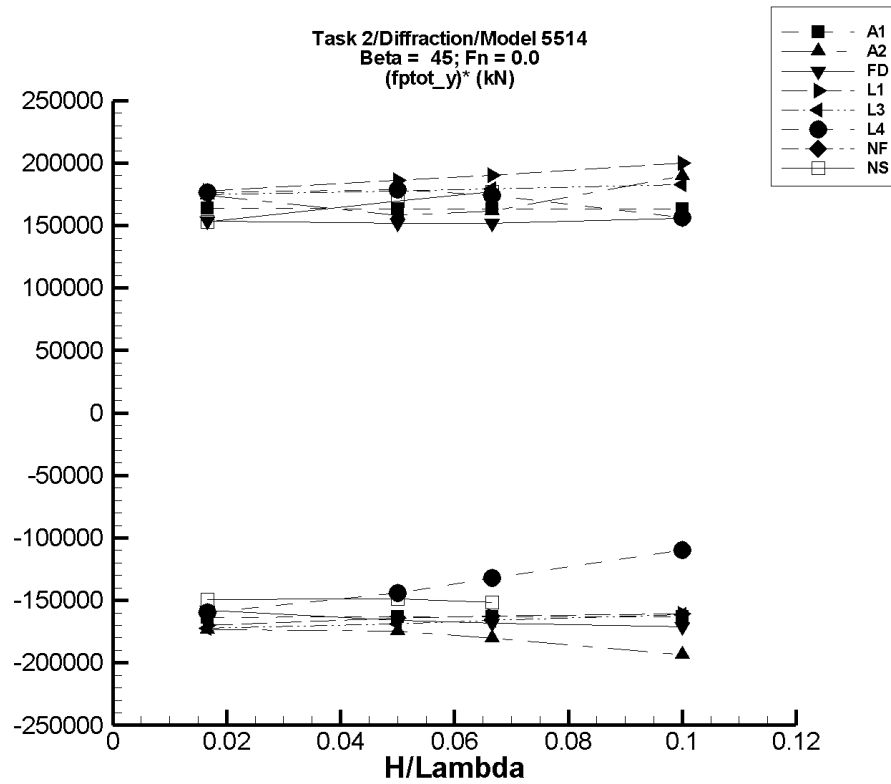


Figure R-21. Minimum and Maximum of $(F_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

Table R-161. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-3.31	-2.76E+03	2.77E+03	-2.73E+03	2.73E+03	-1.64E+05	1.64E+05
1/20	-9.89	-8.25E+03	8.28E+03	-8.16E+03	8.17E+03	-1.63E+05	1.64E+05
1/15	-13.2	-1.10E+04	1.10E+04	-1.09E+04	1.09E+04	-1.63E+05	1.63E+05
1/10	-19.8	-1.65E+04	1.66E+04	-1.63E+04	1.63E+04	-1.63E+05	1.64E+05

Table R-162. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.21	-2.94E+03	2.94E+03	-2.89E+03	2.90E+03	-1.74E+05	1.74E+05
1/20	54.2	-9.05E+03	8.03E+03	-8.66E+03	7.97E+03	-1.74E+05	1.58E+05
1/15	35.6	-1.22E+04	1.73E+04	-1.20E+04	1.08E+04	-1.80E+05	1.62E+05
1/10	-406.	-2.10E+04	3.59E+04	-1.98E+04	1.86E+04	-1.94E+05	1.90E+05

Table R-163. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	1.08E-02	-2.66E+03	2.58E+03	-2.63E+03	2.55E+03	-1.58E+05	1.53E+05
1/20	-2.21	-8.39E+03	7.66E+03	-8.29E+03	7.59E+03	-1.66E+05	1.52E+05
1/15	-5.56	-1.13E+04	1.02E+04	-1.12E+04	1.01E+04	-1.68E+05	1.52E+05
1/10	-1.79	-1.73E+04	1.57E+04	-1.71E+04	1.56E+04	-1.71E+05	1.56E+05

Table R-164. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-139.	-2.98E+03	2.83E+03	-2.97E+03	2.82E+03	-1.70E+05	1.77E+05
1/20	-1.25E+03	-9.50E+03	8.10E+03	-9.47E+03	8.05E+03	-1.64E+05	1.86E+05
1/15	-2.22E+03	-1.31E+04	1.05E+04	-1.31E+04	1.05E+04	-1.62E+05	1.90E+05
1/10	-4.99E+03	-2.11E+04	1.51E+04	-2.11E+04	1.50E+04	-1.61E+05	2.00E+05

Table R-165. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-139.	-3.02E+03	2.79E+03	-3.01E+03	2.78E+03	-1.72E+05	1.75E+05
1/20	-1.25E+03	-9.71E+03	7.68E+03	-9.68E+03	7.64E+03	-1.69E+05	1.78E+05
1/15	-2.22E+03	-1.33E+04	9.78E+03	-1.33E+04	9.72E+03	-1.66E+05	1.79E+05
1/10	-4.98E+03	-2.12E+04	1.34E+04	-2.11E+04	1.33E+04	-1.61E+05	1.83E+05

Table R-166. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	97.4	-2.67E+03	3.09E+03	-2.56E+03	3.04E+03	-1.60E+05	1.76E+05
1/20	808.	-6.87E+03	1.02E+04	-6.39E+03	9.75E+03	-1.44E+05	1.79E+05
1/15	1.52E+03	-7.58E+03	1.39E+04	-7.31E+03	1.31E+04	-1.32E+05	1.74E+05
1/10	4.29E+03	-2.38E+04	2.38E+04	-6.71E+03	1.99E+04	-1.10E+05	1.56E+05

Table R-167. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-168. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	144.	-2.37E+03	2.72E+03	-2.34E+03	2.70E+03	-1.49E+05	1.53E+05
1/20	1.21E+03	-6.32E+03	9.78E+03	-6.22E+03	9.69E+03	-1.49E+05	1.70E+05
1/15	2.25E+03	-7.96E+03	1.41E+04	-7.85E+03	1.40E+04	-1.51E+05	1.77E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

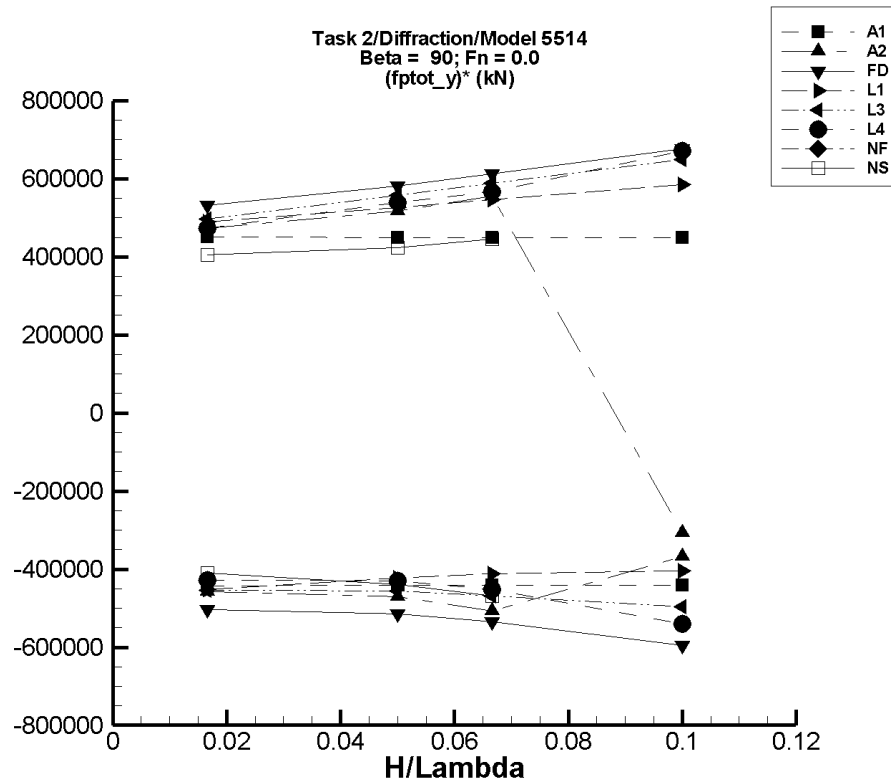


Figure R-22. Minimum and Maximum of $(F_y^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-169. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{ptot} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{ptot})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-6.60	-7.48E+03	7.50E+03	-7.39E+03	7.50E+03	-4.43E+05	4.51E+05
1/20	-19.7	-2.24E+04	2.24E+04	-2.21E+04	2.24E+04	-4.42E+05	4.49E+05
1/15	-26.3	-2.98E+04	2.99E+04	-2.95E+04	2.99E+04	-4.41E+05	4.49E+05
1/10	-39.5	-4.47E+04	4.49E+04	-4.42E+04	4.49E+04	-4.42E+05	4.49E+05

Table R-170. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{ptot} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{ptot})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-4.59	-7.73E+03	7.98E+03	-7.64E+03	7.87E+03	-4.58E+05	4.72E+05
1/20	-30.1	-2.38E+04	3.28E+04	-2.36E+04	2.58E+04	-4.71E+05	5.17E+05
1/15	-27.2	-3.45E+04	3.76E+04	-3.39E+04	3.70E+04	-5.08E+05	5.55E+05
1/10	5.11E+04	1.43E+04	2.04E+04	1.43E+04	2.04E+04	-3.68E+05	-3.06E+05

Table R-171. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{ptot} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{ptot})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.681	-8.48E+03	8.94E+03	-8.39E+03	8.87E+03	-5.04E+05	5.32E+05
1/20	-14.7	-2.61E+04	2.95E+04	-2.58E+04	2.91E+04	-5.15E+05	5.81E+05
1/15	-29.9	-3.60E+04	4.15E+04	-3.56E+04	4.08E+04	-5.34E+05	6.13E+05
1/10	-59.3	-5.93E+04	6.90E+04	-5.96E+04	6.76E+04	-5.95E+05	6.76E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-172. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-303.	-7.88E+03	7.88E+03	-7.85E+03	7.87E+03	-4.53E+05	4.90E+05
1/20	-2.70E+03	-2.39E+04	2.38E+04	-2.38E+04	2.36E+04	-4.23E+05	5.27E+05
1/15	-4.80E+03	-3.23E+04	3.18E+04	-3.23E+04	3.16E+04	-4.12E+05	5.46E+05
1/10	-1.08E+04	-5.13E+04	4.81E+04	-5.12E+04	4.77E+04	-4.04E+05	5.85E+05

Table R-173. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-303.	-7.90E+03	8.01E+03	-7.87E+03	7.97E+03	-4.54E+05	4.96E+05
1/20	-2.70E+03	-2.56E+04	2.53E+04	-2.55E+04	2.52E+04	-4.56E+05	5.57E+05
1/15	-4.78E+03	-3.62E+04	3.47E+04	-3.60E+04	3.45E+04	-4.68E+05	5.89E+05
1/10	-1.07E+04	-6.07E+04	5.47E+04	-6.03E+04	5.42E+04	-4.96E+05	6.49E+05

Table R-174. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	177.	-7.08E+03	8.35E+03	-6.95E+03	8.06E+03	-4.28E+05	4.73E+05
1/20	1.93E+03	-2.02E+04	2.93E+04	-1.96E+04	2.89E+04	-4.31E+05	5.39E+05
1/15	3.65E+03	-2.72E+04	4.29E+04	-2.65E+04	4.14E+04	-4.52E+05	5.67E+05
1/10	9.55E+03	-1.04E+05	7.97E+04	-4.45E+04	7.66E+04	-5.41E+05	6.71E+05

Table R–175. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–176. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	222.	-6.69E+03	7.05E+03	-6.61E+03	6.96E+03	-4.10E+05	4.04E+05
1/20	1.86E+03	-2.06E+04	2.33E+04	-2.01E+04	2.30E+04	-4.40E+05	4.22E+05
1/15	3.40E+03	-2.83E+04	3.33E+04	-2.78E+04	3.31E+04	-4.68E+05	4.46E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

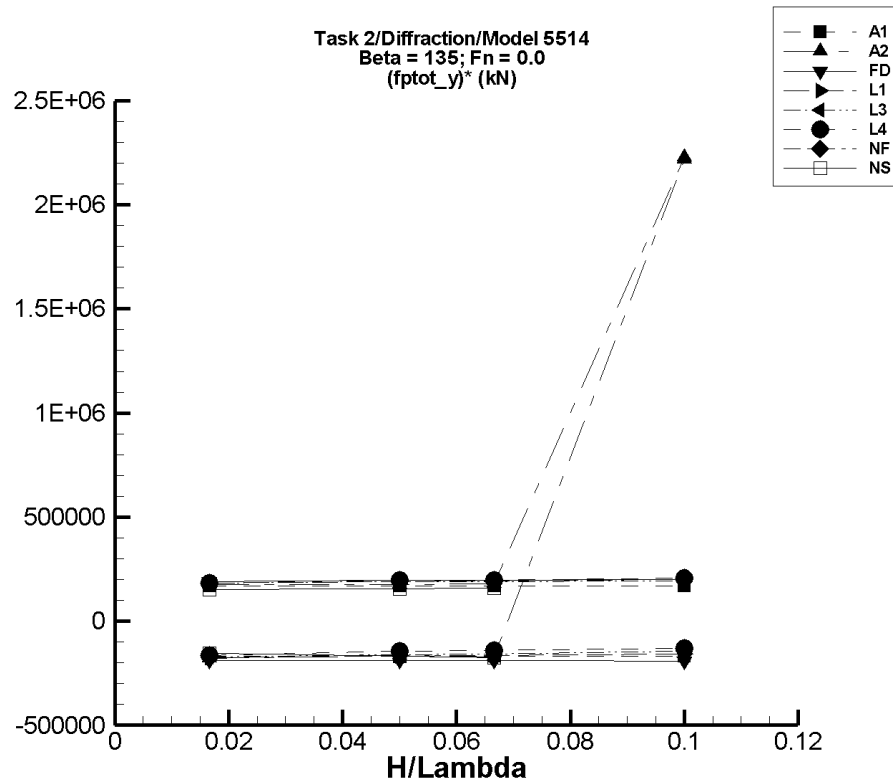


Figure R-23. Minimum and Maximum of $(F_y^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

Table R-177. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.93	-2.83E+03	2.83E+03	-2.80E+03	2.80E+03	-1.68E+05	1.68E+05
1/20	-8.76	-8.48E+03	8.48E+03	-8.38E+03	8.39E+03	-1.67E+05	1.68E+05
1/15	-11.7	-1.13E+04	1.13E+04	-1.12E+04	1.12E+04	-1.67E+05	1.68E+05
1/10	-17.5	-1.70E+04	1.70E+04	-1.68E+04	1.68E+04	-1.67E+05	1.68E+05

Table R-178. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.80	-2.99E+03	3.15E+03	-2.95E+03	2.96E+03	-1.77E+05	1.78E+05
1/20	-75.5	-8.44E+03	8.90E+03	-8.35E+03	8.73E+03	-1.65E+05	1.76E+05
1/15	-9.60	-1.16E+04	1.21E+04	-1.13E+04	1.19E+04	-1.70E+05	1.79E+05
1/10	-2.07E+05	1.49E+04	1.58E+04	1.49E+04	1.58E+04	2.22E+06	2.23E+06

Table R-179. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	2.72E-02	-3.17E+03	3.22E+03	-3.13E+03	3.18E+03	-1.88E+05	1.91E+05
1/20	0.377	-9.57E+03	9.92E+03	-9.47E+03	9.81E+03	-1.89E+05	1.96E+05
1/15	0.507	-1.28E+04	1.33E+04	-1.27E+04	1.32E+04	-1.90E+05	1.98E+05
1/10	-5.55	-1.94E+04	2.04E+04	-1.92E+04	2.02E+04	-1.92E+05	2.02E+05

Table R-180. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-139.	-3.05E+03	2.90E+03	-3.04E+03	2.88E+03	-1.74E+05	1.81E+05
1/20	-1.25E+03	-9.64E+03	8.25E+03	-9.61E+03	8.21E+03	-1.67E+05	1.89E+05
1/15	-2.23E+03	-1.32E+04	1.07E+04	-1.32E+04	1.06E+04	-1.64E+05	1.93E+05
1/10	-5.01E+03	-2.10E+04	1.52E+04	-2.09E+04	1.51E+04	-1.59E+05	2.01E+05

Table R-181. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-139.	-3.02E+03	2.92E+03	-3.01E+03	2.91E+03	-1.72E+05	1.83E+05
1/20	-1.25E+03	-9.36E+03	8.24E+03	-9.33E+03	8.20E+03	-1.62E+05	1.89E+05
1/15	-2.23E+03	-1.27E+04	1.05E+04	-1.27E+04	1.05E+04	-1.56E+05	1.90E+05
1/10	-5.01E+03	-1.95E+04	1.44E+04	-1.95E+04	1.42E+04	-1.45E+05	1.93E+05

Table R-182. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	79.2	-2.74E+03	3.24E+03	-2.65E+03	3.13E+03	-1.64E+05	1.83E+05
1/20	756.	-6.55E+03	1.09E+04	-6.36E+03	1.05E+04	-1.42E+05	1.96E+05
1/15	1.47E+03	-8.31E+03	1.50E+04	-7.94E+03	1.46E+04	-1.41E+05	1.97E+05
1/10	4.04E+03	-2.24E+04	2.59E+04	-8.86E+03	2.48E+04	-1.29E+05	2.07E+05

Table R–183. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–184. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	155.	-2.44E+03	2.73E+03	-2.41E+03	2.70E+03	-1.54E+05	1.53E+05
1/20	1.31E+03	-7.20E+03	9.25E+03	-7.08E+03	9.10E+03	-1.68E+05	1.56E+05
1/15	2.41E+03	-9.41E+03	1.30E+04	-9.26E+03	1.30E+04	-1.75E+05	1.59E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

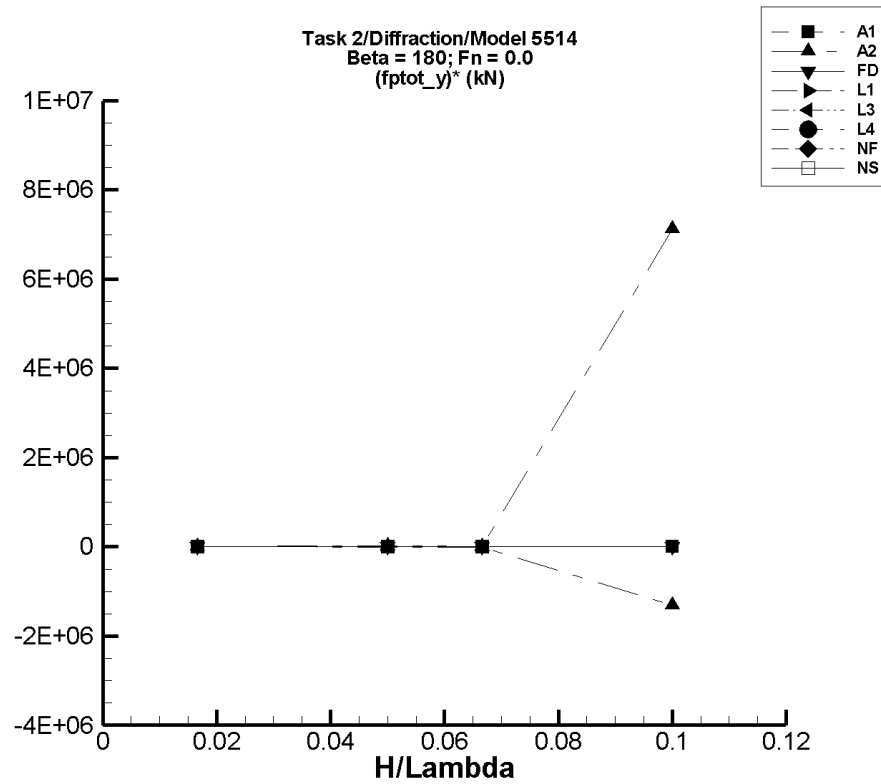


Figure R-24. Minimum and Maximum of $(F_y^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-185. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{ptot} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{ptot})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.22E-03	-0.553	0.566	-0.546	0.566	-32.6	34.1
1/20	-6.65E-03	-1.65	1.69	-1.63	1.69	-32.5	34.0
1/15	-8.86E-03	-2.20	2.26	-2.18	2.25	-32.5	33.9
1/10	-1.33E-02	-3.31	3.39	-3.27	3.38	-32.5	34.0

Table R-186. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{ptot} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{ptot})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.23E-03	-0.553	0.566	-0.546	0.566	-32.6	34.1
1/20	37.0	-1.65	6.27E+03	-71.6	837.	-2.17E+03	1.60E+04
1/15	-77.9	-7.24E+03	20.4	-982.	82.4	-1.36E+04	2.40E+03
1/10	6.46E+04	-6.18E+04	5.77E+06	-6.57E+04	7.76E+05	-1.30E+06	7.12E+06

Table R-187. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{ptot} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{ptot})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-3.27E-05	-2.96E-03	1.37E-03	-4.42E-04	1.76E-04	-2.46E-02	1.25E-02
1/20	-5.74E-05	-8.76E-03	5.17E-03	-1.34E-03	8.39E-04	-2.56E-02	1.79E-02
1/15	-6.04E-05	-1.17E-02	7.21E-03	-1.78E-03	1.39E-03	-2.58E-02	2.17E-02
1/10	-1.59E-04	-1.76E-02	1.09E-02	-2.72E-03	1.36E-03	-2.56E-02	1.52E-02

TASK 2/DIFFRACTION/MODEL 5514

Table R-188. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-189. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-190. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–191. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–192. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	1.22E-06	-0.119	0.122	-3.18E-03	3.23E-03	-0.191	0.194
1/20	-3.92E-04	-9.95E-02	9.46E-02	-3.79E-03	3.66E-03	-6.80E-02	8.11E-02
1/15	-3.23E-04	-0.190	0.195	-7.27E-03	5.46E-03	-0.104	8.67E-02
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

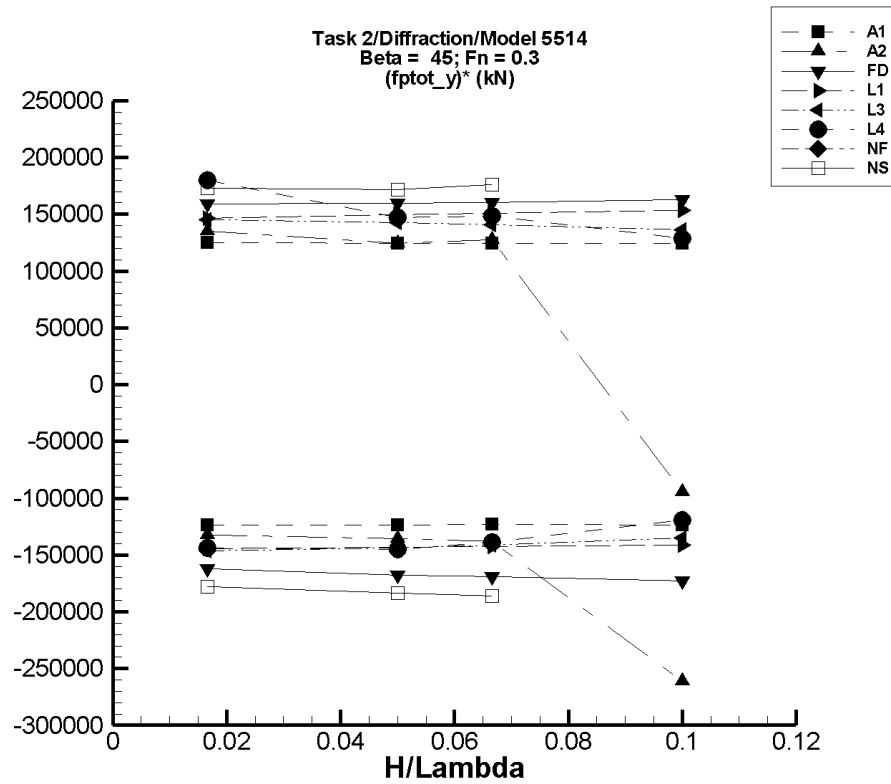


Figure R-25. Minimum and Maximum of $(F_y^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

Table R-193. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-3.19	-2.16E+03	2.16E+03	-2.07E+03	2.07E+03	-1.24E+05	1.25E+05
1/20	-9.54	-6.46E+03	6.46E+03	-6.18E+03	6.21E+03	-1.23E+05	1.24E+05
1/15	-12.7	-8.60E+03	8.60E+03	-8.23E+03	8.26E+03	-1.23E+05	1.24E+05
1/10	-19.1	-1.29E+04	1.29E+04	-1.24E+04	1.24E+04	-1.23E+05	1.24E+05

Table R-194. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.14	-2.30E+03	2.34E+03	-2.21E+03	2.25E+03	-1.33E+05	1.35E+05
1/20	21.0	-6.88E+03	6.39E+03	-6.75E+03	6.23E+03	-1.35E+05	1.24E+05
1/15	16.8	-9.34E+03	1.38E+04	-9.20E+03	8.53E+03	-1.38E+05	1.28E+05
1/10	1.08E+04	-1.61E+04	1.37E+03	-1.54E+04	1.27E+03	-2.61E+05	-9.48E+04

Table R-195. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-3.86	-2.71E+03	2.65E+03	-2.70E+03	2.64E+03	-1.62E+05	1.59E+05
1/20	-12.5	-8.42E+03	8.00E+03	-8.39E+03	7.98E+03	-1.68E+05	1.60E+05
1/15	-18.3	-1.13E+04	1.07E+04	-1.13E+04	1.07E+04	-1.69E+05	1.60E+05
1/10	-19.6	-1.74E+04	1.63E+04	-1.73E+04	1.63E+04	-1.73E+05	1.63E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-196. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-227.	-2.64E+03	2.22E+03	-2.64E+03	2.22E+03	-1.45E+05	1.47E+05
1/20	-2.05E+03	-9.21E+03	5.41E+03	-9.20E+03	5.42E+03	-1.43E+05	1.49E+05
1/15	-3.64E+03	-1.31E+04	6.38E+03	-1.31E+04	6.40E+03	-1.42E+05	1.51E+05
1/10	-8.19E+03	-2.23E+04	7.09E+03	-2.23E+04	7.14E+03	-1.41E+05	1.53E+05

Table R-197. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-227.	-2.67E+03	2.19E+03	-2.67E+03	2.19E+03	-1.46E+05	1.45E+05
1/20	-2.05E+03	-9.26E+03	5.06E+03	-9.25E+03	5.08E+03	-1.44E+05	1.43E+05
1/15	-3.64E+03	-1.31E+04	5.71E+03	-1.30E+04	5.72E+03	-1.41E+05	1.40E+05
1/10	-8.19E+03	-2.17E+04	5.42E+03	-2.17E+04	5.46E+03	-1.35E+05	1.37E+05

Table R-198. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	50.1	-2.37E+03	3.10E+03	-2.34E+03	3.04E+03	-1.44E+05	1.80E+05
1/20	627.	-6.75E+03	8.05E+03	-6.62E+03	7.98E+03	-1.45E+05	1.47E+05
1/15	1.24E+03	-8.32E+03	1.13E+04	-8.00E+03	1.11E+04	-1.39E+05	1.48E+05
1/10	2.75E+03	-2.39E+04	2.90E+04	-9.18E+03	1.56E+04	-1.19E+05	1.29E+05

Table R–199. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–200. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	49.7	-2.94E+03	2.93E+03	-2.91E+03	2.93E+03	-1.78E+05	1.73E+05
1/20	453.	-8.85E+03	9.06E+03	-8.73E+03	9.04E+03	-1.84E+05	1.72E+05
1/15	783.	-1.17E+04	1.25E+04	-1.16E+04	1.25E+04	-1.86E+05	1.76E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

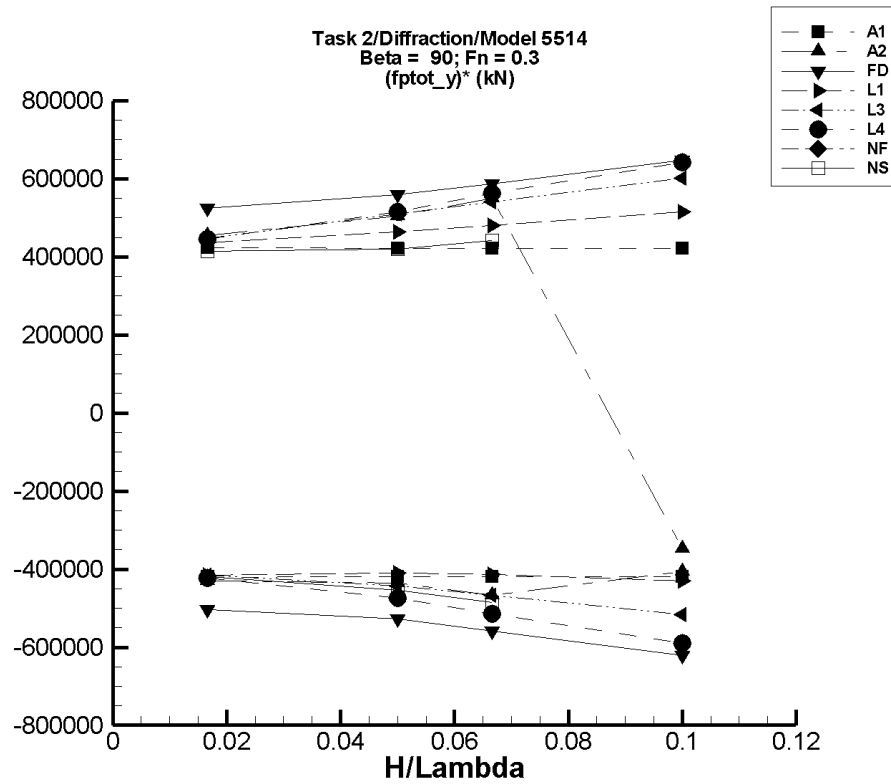


Figure R-26. Minimum and Maximum of $(F_y^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R–201. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-5.81	-7.09E+03	7.10E+03	-7.01E+03	7.04E+03	-4.20E+05	4.23E+05
1/20	-17.4	-2.12E+04	2.12E+04	-2.10E+04	2.11E+04	-4.19E+05	4.22E+05
1/15	-23.1	-2.82E+04	2.83E+04	-2.79E+04	2.80E+04	-4.19E+05	4.21E+05
1/10	-34.8	-4.24E+04	4.25E+04	-4.20E+04	4.21E+04	-4.19E+05	4.22E+05

Table R–202. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-3.81	-7.26E+03	7.68E+03	-7.18E+03	7.57E+03	-4.31E+05	4.54E+05
1/20	-27.8	-2.19E+04	3.17E+04	-2.18E+04	2.52E+04	-4.36E+05	5.05E+05
1/15	-24.0	-3.17E+04	3.73E+04	-3.11E+04	3.67E+04	-4.66E+05	5.51E+05
1/10	5.82E+04	1.75E+04	2.34E+04	1.75E+04	2.34E+04	-4.07E+05	-3.48E+05

Table R–203. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.653	-8.47E+03	8.69E+03	-8.38E+03	8.75E+03	-5.03E+05	5.25E+05
1/20	-14.7	-2.67E+04	2.84E+04	-2.64E+04	2.79E+04	-5.28E+05	5.59E+05
1/15	-29.8	-3.72E+04	3.98E+04	-3.73E+04	3.91E+04	-5.59E+05	5.87E+05
1/10	-59.2	-6.16E+04	6.62E+04	-6.21E+04	6.48E+04	-6.20E+05	6.48E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-204. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-201.	-7.16E+03	7.09E+03	-7.13E+03	7.06E+03	-4.16E+05	4.36E+05
1/20	-1.78E+03	-2.24E+04	2.15E+04	-2.23E+04	2.14E+04	-4.11E+05	4.64E+05
1/15	-3.16E+03	-3.09E+04	2.90E+04	-3.08E+04	2.89E+04	-4.14E+05	4.80E+05
1/10	-7.09E+03	-5.03E+04	4.47E+04	-5.01E+04	4.44E+04	-4.30E+05	5.15E+05

Table R-205. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-200.	-7.17E+03	7.29E+03	-7.14E+03	7.25E+03	-4.16E+05	4.47E+05
1/20	-1.77E+03	-2.41E+04	2.38E+04	-2.39E+04	2.37E+04	-4.43E+05	5.09E+05
1/15	-3.14E+03	-3.45E+04	3.32E+04	-3.43E+04	3.30E+04	-4.67E+05	5.42E+05
1/10	-7.02E+03	-5.91E+04	5.36E+04	-5.86E+04	5.31E+04	-5.16E+05	6.01E+05

Table R-206. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	221.	-6.92E+03	7.71E+03	-6.83E+03	7.66E+03	-4.23E+05	4.46E+05
1/20	2.00E+03	-2.19E+04	2.79E+04	-2.17E+04	2.78E+04	-4.75E+05	5.15E+05
1/15	3.58E+03	-3.10E+04	4.15E+04	-3.07E+04	4.11E+04	-5.15E+05	5.63E+05
1/10	7.46E+03	-1.02E+05	8.83E+04	-5.15E+04	7.17E+04	-5.89E+05	6.42E+05

Table R–207. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–208. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	33.9	-7.04E+03	6.91E+03	-6.96E+03	6.94E+03	-4.20E+05	4.14E+05
1/20	384.	-2.28E+04	2.17E+04	-2.23E+04	2.14E+04	-4.54E+05	4.20E+05
1/15	959.	-3.19E+04	3.07E+04	-3.14E+04	3.04E+04	-4.86E+05	4.41E+05
1/10	—	—	—	—	—	—	—

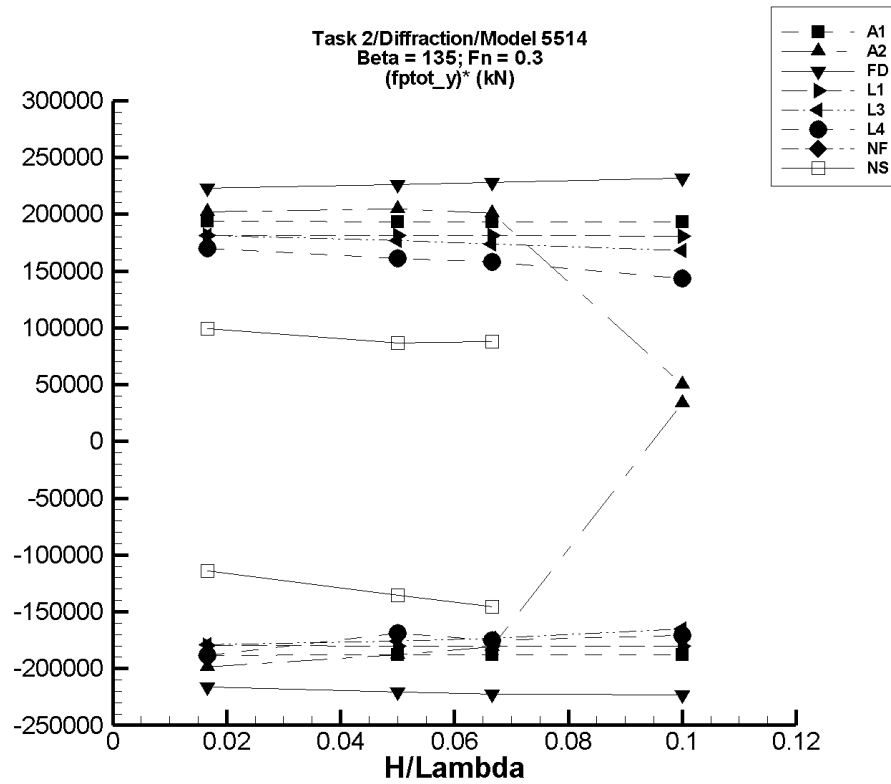


Figure R-27. Minimum and Maximum of $(F_y^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-209. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-4.87	-3.23E+03	3.24E+03	-3.15E+03	3.23E+03	-1.88E+05	1.94E+05
1/20	-14.6	-9.65E+03	9.69E+03	-9.41E+03	9.66E+03	-1.88E+05	1.93E+05
1/15	-19.4	-1.29E+04	1.29E+04	-1.25E+04	1.29E+04	-1.88E+05	1.93E+05
1/10	-29.1	-1.93E+04	1.94E+04	-1.88E+04	1.93E+04	-1.88E+05	1.93E+05

Table R-210. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-5.22	-3.41E+03	3.37E+03	-3.32E+03	3.36E+03	-1.99E+05	2.02E+05
1/20	-240.	-9.91E+03	1.00E+04	-9.63E+03	1.00E+04	-1.88E+05	2.05E+05
1/15	119.	-1.33E+04	1.36E+04	-1.19E+04	1.35E+04	-1.81E+05	2.01E+05
1/10	1.05E+04	1.39E+04	1.55E+04	1.39E+04	1.55E+04	3.39E+04	5.01E+04

Table R-211. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.65	-3.70E+03	3.71E+03	-3.61E+03	3.72E+03	-2.16E+05	2.23E+05
1/20	-6.03	-1.13E+04	1.13E+04	-1.10E+04	1.13E+04	-2.21E+05	2.26E+05
1/15	-9.50	-1.53E+04	1.51E+04	-1.49E+04	1.52E+04	-2.23E+05	2.28E+05
1/10	-26.2	-2.29E+04	2.31E+04	-2.24E+04	2.31E+04	-2.23E+05	2.32E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-212. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-129.	-3.15E+03	2.90E+03	-3.13E+03	2.90E+03	-1.80E+05	1.82E+05
1/20	-1.14E+03	-1.02E+04	7.94E+03	-1.01E+04	7.93E+03	-1.80E+05	1.81E+05
1/15	-2.02E+03	-1.41E+04	1.01E+04	-1.40E+04	1.01E+04	-1.80E+05	1.81E+05
1/10	-4.53E+03	-2.27E+04	1.36E+04	-2.26E+04	1.36E+04	-1.80E+05	1.81E+05

Table R-213. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-129.	-3.14E+03	2.90E+03	-3.11E+03	2.90E+03	-1.79E+05	1.81E+05
1/20	-1.14E+03	-1.00E+04	7.77E+03	-9.92E+03	7.71E+03	-1.76E+05	1.77E+05
1/15	-2.02E+03	-1.37E+04	9.66E+03	-1.36E+04	9.58E+03	-1.73E+05	1.74E+05
1/10	-4.53E+03	-2.12E+04	1.24E+04	-2.11E+04	1.23E+04	-1.65E+05	1.68E+05

Table R-214. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	135.	-3.06E+03	3.15E+03	-3.01E+03	2.97E+03	-1.89E+05	1.70E+05
1/20	1.57E+03	-7.00E+03	9.97E+03	-6.88E+03	9.63E+03	-1.69E+05	1.61E+05
1/15	2.89E+03	-9.00E+03	1.36E+04	-8.80E+03	1.34E+04	-1.75E+05	1.58E+05
1/10	5.97E+03	-1.15E+04	2.84E+04	-1.11E+04	2.03E+04	-1.71E+05	1.43E+05

Table R–215. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–216. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	70.3	-1.86E+03	1.73E+03	-1.83E+03	1.73E+03	-1.14E+05	9.94E+04
1/20	745.	-6.15E+03	5.16E+03	-6.03E+03	5.08E+03	-1.35E+05	8.66E+04
1/15	1.64E+03	-8.23E+03	7.60E+03	-8.06E+03	7.48E+03	-1.45E+05	8.77E+04
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

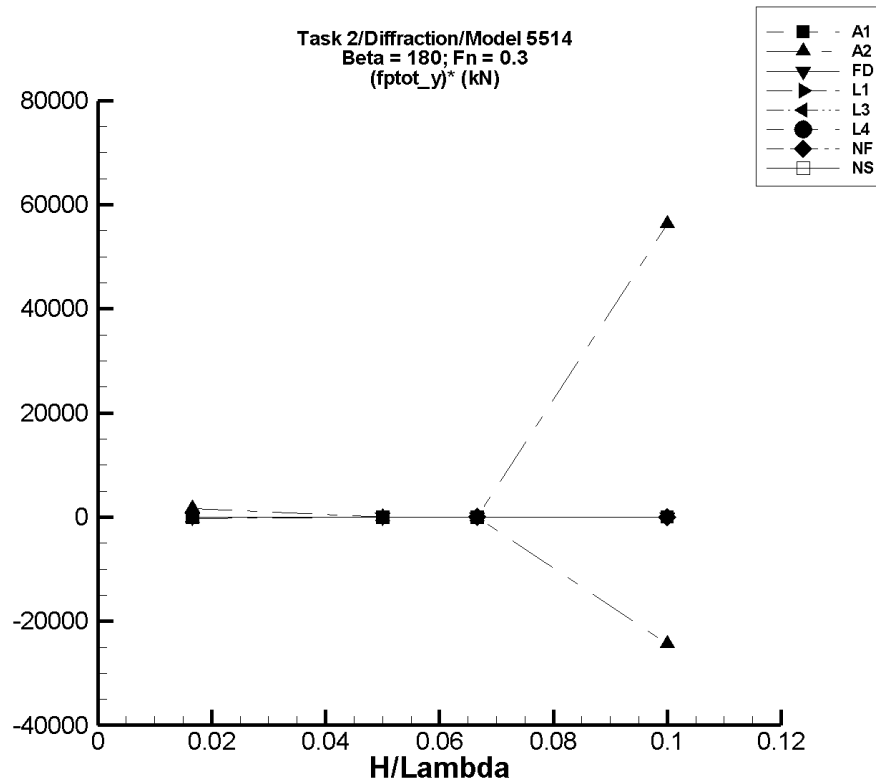


Figure R-28. Minimum and Maximum of $(F_y^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

Table R-217. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.03E-04	-0.138	8.88E-02	-9.27E-02	8.55E-02	-5.55	5.14
1/20	-6.07E-04	-0.414	0.266	-0.277	0.256	-5.53	5.13
1/15	-8.08E-04	-0.551	0.354	-0.369	0.341	-5.52	5.12
1/10	-1.21E-03	-0.828	0.532	-0.554	0.512	-5.53	5.13

Table R-218. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	2.79	-0.138	229.	-2.53	30.5	-319.	1.66E+03
1/20	-5.97E-04	-0.418	0.266	-0.277	0.256	-5.53	5.13
1/15	-0.215	-44.3	33.3	-2.19	0.548	-29.6	11.4
1/10	1.92E+03	-1.01E+03	5.65E+04	-521.	7.55E+03	-2.44E+04	5.63E+04

Table R-219. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.20E-05	-1.25E-03	1.14E-03	-8.60E-04	8.73E-04	-5.09E-02	5.31E-02
1/20	-1.46E-05	-3.77E-03	3.74E-03	-2.59E-03	2.94E-03	-5.15E-02	5.91E-02
1/15	-8.07E-05	-5.74E-03	5.14E-03	-3.39E-03	3.93E-03	-4.97E-02	6.02E-02
1/10	-2.53E-04	-1.18E-02	8.20E-03	-5.95E-03	6.18E-03	-5.70E-02	6.43E-02

TASK 2/DIFFRACTION/MODEL 5514

Table R-220. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-221. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-222. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-223. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	0.287	0.256	0.321	0.255	0.321	-0.641	0.681
1/15	0.534	0.471	0.663	0.471	0.607	-0.942	1.08
1/10	1.34	-1.13	2.98	2.89E-02	2.19	-13.1	8.57

Table R-224. Minimum and Maximum of F_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{ptot}} \rangle$	Unfiltered F_y^{ptot}		Filtered F_y^{ptot}		Filtered $(F_y^{\text{ptot}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-7.37E-06	-4.42E-03	4.61E-03	-8.69E-04	6.40E-04	-5.17E-02	3.89E-02
1/20	7.11E-05	-1.34E-02	1.50E-02	-1.31E-03	3.07E-03	-2.76E-02	6.00E-02
1/15	1.39E-04	-2.91E-02	3.45E-02	-2.02E-03	4.47E-03	-3.24E-02	6.50E-02
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

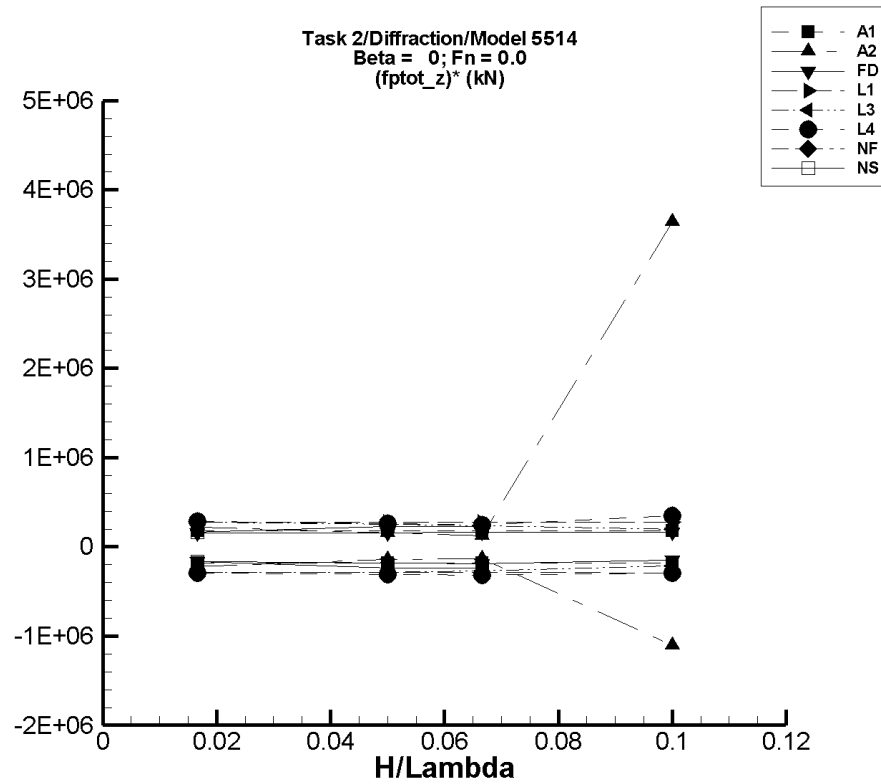


Figure R-29. Minimum and Maximum of $(F_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0.

Table R-225. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.20E+04	8.89E+04	9.50E+04	8.90E+04	9.50E+04	-1.79E+05	1.80E+05
1/20	9.20E+04	8.29E+04	1.01E+05	8.30E+04	1.01E+05	-1.79E+05	1.80E+05
1/15	9.20E+04	7.99E+04	1.04E+05	8.01E+04	1.04E+05	-1.79E+05	1.80E+05
1/10	9.20E+04	7.39E+04	1.10E+05	7.41E+04	1.10E+05	-1.79E+05	1.80E+05

Table R-226. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.22E+04	8.85E+04	9.59E+04	8.86E+04	9.59E+04	-2.18E+05	2.22E+05
1/20	9.49E+04	8.79E+04	1.03E+05	8.80E+04	1.03E+05	-1.38E+05	1.59E+05
1/15	9.71E+04	8.61E+04	1.06E+05	8.80E+04	1.05E+05	-1.36E+05	1.26E+05
1/10	1.22E+05	-1.23E+04	3.20E+06	1.20E+04	4.86E+05	-1.10E+06	3.64E+06

Table R-227. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.24E+04	8.96E+04	9.50E+04	8.97E+04	9.50E+04	-1.63E+05	1.59E+05
1/20	9.52E+04	8.61E+04	1.03E+05	8.62E+04	1.03E+05	-1.80E+05	1.54E+05
1/15	9.69E+04	8.41E+04	1.08E+05	8.42E+04	1.08E+05	-1.90E+05	1.64E+05
1/10	1.00E+05	8.51E+04	1.17E+05	8.52E+04	1.17E+05	-1.50E+05	1.68E+05

Table R-228. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	$(F_z^{\text{ptot}})^*$ Max. (kN)
1/60	9.16E+04	8.68E+04	9.63E+04	8.68E+04	9.62E+04	-2.84E+05	2.80E+05
1/20	8.99E+04	7.54E+04	1.04E+05	7.55E+04	1.04E+05	-2.87E+05	2.77E+05
1/15	8.84E+04	6.90E+04	1.07E+05	6.91E+04	1.07E+05	-2.89E+05	2.76E+05
1/10	8.41E+04	5.47E+04	1.12E+05	5.49E+04	1.12E+05	-2.93E+05	2.75E+05

Table R-229. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	$(F_z^{\text{ptot}})^*$ Max. (kN)
1/60	9.14E+04	8.66E+04	9.60E+04	8.67E+04	9.60E+04	-2.85E+05	2.75E+05
1/20	8.93E+04	7.52E+04	1.02E+05	7.53E+04	1.02E+05	-2.82E+05	2.55E+05
1/15	8.77E+04	6.98E+04	1.03E+05	7.00E+04	1.03E+05	-2.66E+05	2.34E+05
1/10	8.30E+04	6.19E+04	1.02E+05	6.20E+04	1.02E+05	-2.10E+05	1.94E+05

Table R-230. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	$(F_z^{\text{ptot}})^*$ Max. (kN)
1/60	9.12E+04	8.62E+04	9.60E+04	8.63E+04	9.59E+04	-2.93E+05	2.83E+05
1/20	8.73E+04	7.10E+04	1.01E+05	7.17E+04	1.00E+05	-3.11E+05	2.62E+05
1/15	8.38E+04	6.20E+04	1.01E+05	6.28E+04	1.00E+05	-3.14E+05	2.43E+05
1/10	7.65E+04	-1.02E+03	1.44E+05	4.68E+04	1.12E+05	-2.96E+05	3.51E+05

Table R–231. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_z^{ptot}		Filtered F_z^{ptot}		Filtered $(F_z^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–232. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_z^{ptot}		Filtered F_z^{ptot}		Filtered $(F_z^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.14E+04	8.86E+04	9.43E+04	8.87E+04	9.42E+04	-1.67E+05	1.67E+05
1/20	8.48E+04	7.29E+04	9.66E+04	7.31E+04	9.64E+04	-2.34E+05	2.31E+05
1/15	8.23E+04	6.64E+04	9.78E+04	6.65E+04	9.76E+04	-2.37E+05	2.30E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

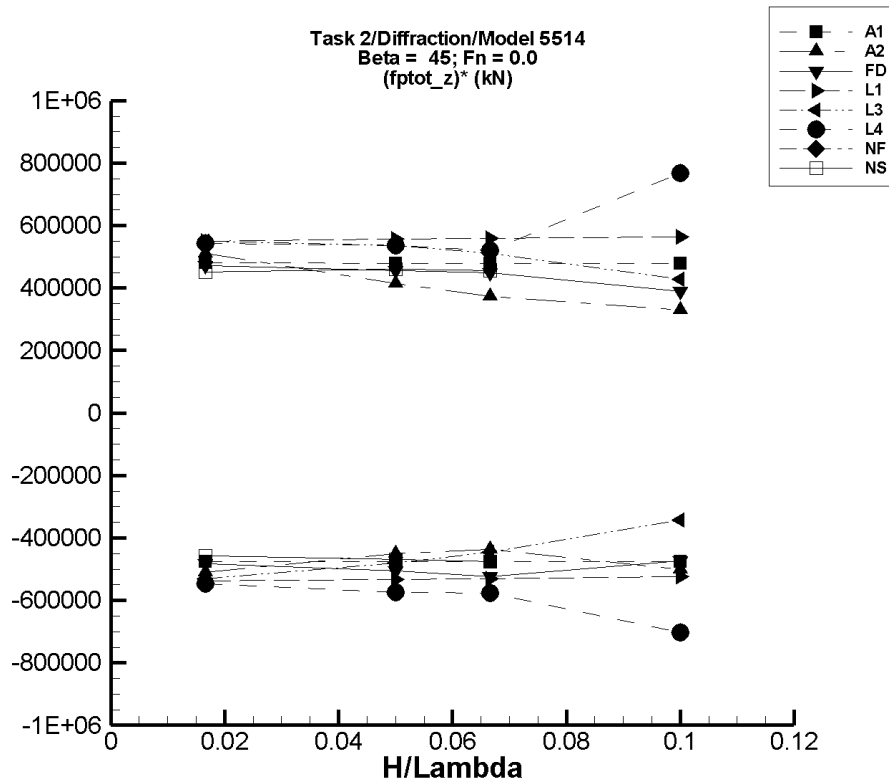


Figure R-30. Minimum and Maximum of $(F_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

Table R-233. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	$(F_z^{\text{ptot}})^*$ Max. (kN)
1/60	9.20E+04	8.39E+04	1.00E+05	8.40E+04	1.00E+05	-4.77E+05	4.80E+05
1/20	9.20E+04	6.79E+04	1.16E+05	6.82E+04	1.16E+05	-4.76E+05	4.79E+05
1/15	9.20E+04	6.00E+04	1.24E+05	6.03E+04	1.24E+05	-4.75E+05	4.78E+05
1/10	9.20E+04	4.39E+04	1.40E+05	4.44E+04	1.40E+05	-4.76E+05	4.79E+05

Table R-234. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	$(F_z^{\text{ptot}})^*$ Max. (kN)
1/60	9.22E+04	8.36E+04	1.01E+05	8.37E+04	1.01E+05	-5.11E+05	5.10E+05
1/20	9.49E+04	7.08E+04	1.16E+05	7.24E+04	1.16E+05	-4.50E+05	4.15E+05
1/15	9.69E+04	6.54E+04	1.22E+05	6.78E+04	1.22E+05	-4.37E+05	3.73E+05
1/10	9.31E+04	3.02E+04	1.78E+05	4.31E+04	1.26E+05	-5.00E+05	3.31E+05

Table R-235. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	$(F_z^{\text{ptot}})^*$ Max. (kN)
1/60	9.24E+04	8.43E+04	1.00E+05	8.43E+04	1.00E+05	-4.82E+05	4.72E+05
1/20	9.52E+04	6.95E+04	1.18E+05	6.99E+04	1.18E+05	-5.06E+05	4.57E+05
1/15	9.68E+04	6.14E+04	1.27E+05	6.19E+04	1.27E+05	-5.23E+05	4.50E+05
1/10	1.00E+05	5.18E+04	1.39E+05	5.28E+04	1.39E+05	-4.73E+05	3.89E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-236. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.14E+04	8.24E+04	1.01E+05	8.24E+04	1.01E+05	-5.38E+05	5.51E+05
1/20	8.83E+04	6.16E+04	1.16E+05	6.17E+04	1.16E+05	-5.32E+05	5.56E+05
1/15	8.56E+04	5.01E+04	1.23E+05	5.03E+04	1.23E+05	-5.30E+05	5.58E+05
1/10	7.79E+04	2.52E+04	1.34E+05	2.54E+04	1.34E+05	-5.25E+05	5.64E+05

Table R-237. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.12E+04	8.24E+04	1.00E+05	8.24E+04	1.00E+05	-5.30E+05	5.49E+05
1/20	8.78E+04	6.36E+04	1.15E+05	6.37E+04	1.15E+05	-4.81E+05	5.35E+05
1/15	8.49E+04	5.51E+04	1.19E+05	5.52E+04	1.19E+05	-4.46E+05	5.10E+05
1/10	7.67E+04	4.24E+04	1.20E+05	4.24E+04	1.20E+05	-3.43E+05	4.29E+05

Table R-238. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.10E+04	8.18E+04	1.00E+05	8.19E+04	1.00E+05	-5.46E+05	5.43E+05
1/20	8.58E+04	5.64E+04	1.13E+05	5.71E+04	1.13E+05	-5.74E+05	5.36E+05
1/15	8.12E+04	4.22E+04	1.16E+05	4.28E+04	1.16E+05	-5.77E+05	5.19E+05
1/10	8.41E+04	1.22E+04	1.98E+05	1.37E+04	1.61E+05	-7.04E+05	7.68E+05

Table R–239. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_z^{ptot}		Filtered F_z^{ptot}		Filtered $(F_z^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–240. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_z^{ptot}		Filtered F_z^{ptot}		Filtered $(F_z^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.14E+04	8.37E+04	9.90E+04	8.37E+04	9.89E+04	-4.57E+05	4.52E+05
1/20	8.43E+04	6.07E+04	1.08E+05	6.09E+04	1.07E+05	-4.68E+05	4.60E+05
1/15	8.13E+04	4.93E+04	1.12E+05	4.96E+04	1.12E+05	-4.76E+05	4.56E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

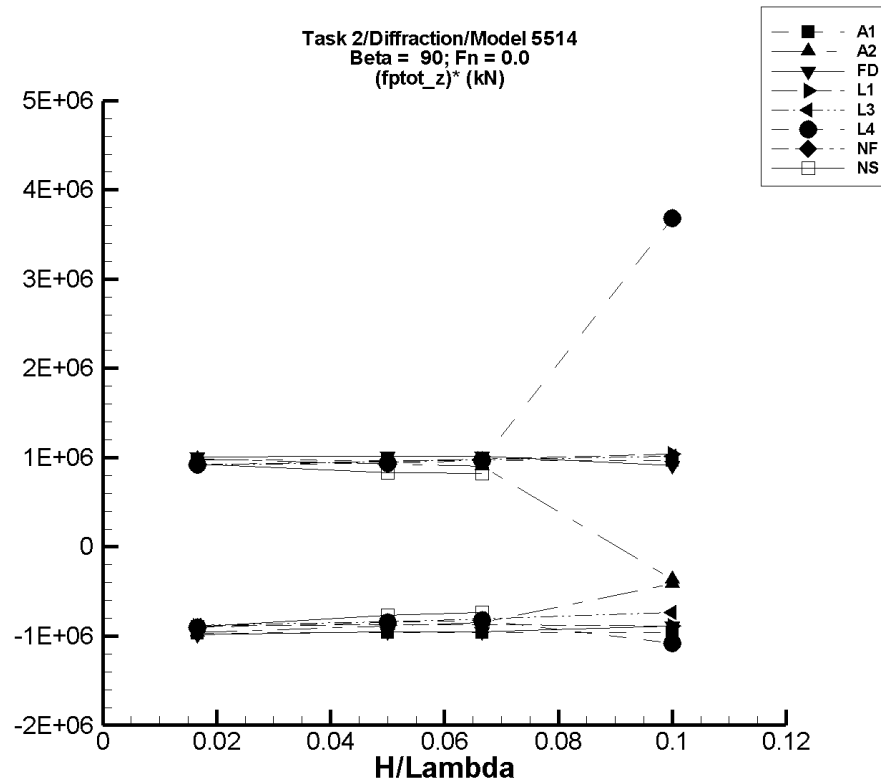


Figure R-31. Minimum and Maximum of $(F_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

Table R-241. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.20E+04	7.57E+04	1.08E+05	7.59E+04	1.08E+05	-9.65E+05	9.72E+05
1/20	9.20E+04	4.34E+04	1.41E+05	4.39E+04	1.40E+05	-9.62E+05	9.69E+05
1/15	9.20E+04	2.72E+04	1.57E+05	2.79E+04	1.56E+05	-9.61E+05	9.68E+05
1/10	9.20E+04	-5.26E+03	1.90E+05	-4.21E+03	1.89E+05	-9.62E+05	9.69E+05

Table R-242. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.22E+04	7.60E+04	1.09E+05	7.62E+04	1.09E+05	-9.62E+05	9.84E+05
1/20	9.47E+04	4.77E+04	1.41E+05	5.01E+04	1.41E+05	-8.90E+05	9.27E+05
1/15	9.71E+04	3.75E+04	1.58E+05	4.07E+04	1.57E+05	-8.46E+05	9.02E+05
1/10	1.75E+05	1.34E+05	1.39E+05	1.34E+05	1.39E+05	-4.18E+05	-3.69E+05

Table R-243. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.24E+04	7.58E+04	1.09E+05	7.59E+04	1.09E+05	-9.87E+05	1.01E+06
1/20	9.52E+04	4.70E+04	1.47E+05	4.74E+04	1.46E+05	-9.55E+05	1.02E+06
1/15	9.69E+04	3.27E+04	1.65E+05	3.34E+04	1.64E+05	-9.52E+05	1.01E+06
1/10	1.01E+05	9.96E+03	1.93E+05	1.16E+04	1.91E+05	-8.89E+05	9.08E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-244. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.11E+04	7.63E+04	1.06E+05	7.63E+04	1.06E+05	-8.88E+05	9.15E+05
1/20	8.59E+04	4.21E+04	1.34E+05	4.22E+04	1.34E+05	-8.73E+05	9.60E+05
1/15	8.13E+04	2.29E+04	1.47E+05	2.31E+04	1.47E+05	-8.73E+05	9.85E+05
1/10	6.82E+04	-2.08E+04	1.73E+05	-2.04E+04	1.72E+05	-8.86E+05	1.04E+06

Table R-245. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.10E+04	7.62E+04	1.06E+05	7.63E+04	1.06E+05	-8.82E+05	9.17E+05
1/20	8.54E+04	4.34E+04	1.33E+05	4.35E+04	1.33E+05	-8.38E+05	9.52E+05
1/15	8.08E+04	2.66E+04	1.46E+05	2.69E+04	1.46E+05	-8.09E+05	9.72E+05
1/10	6.77E+04	-5.84E+03	1.70E+05	-5.40E+03	1.69E+05	-7.31E+05	1.02E+06

Table R-246. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.08E+04	7.56E+04	1.06E+05	7.57E+04	1.06E+05	-9.02E+05	9.17E+05
1/20	8.34E+04	4.08E+04	1.31E+05	4.10E+04	1.30E+05	-8.49E+05	9.35E+05
1/15	7.74E+04	2.19E+04	1.43E+05	2.24E+04	1.42E+05	-8.25E+05	9.67E+05
1/10	9.31E+04	-2.04E+05	9.78E+05	-1.52E+04	4.62E+05	-1.08E+06	3.69E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R–247. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_z^{ptot}		Filtered F_z^{ptot}		Filtered $(F_z^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–248. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_z^{ptot}		Filtered F_z^{ptot}		Filtered $(F_z^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	7.61E+04	1.07E+05	7.63E+04	1.07E+05	-9.00E+05	9.28E+05
1/20	8.37E+04	4.52E+04	1.26E+05	4.55E+04	1.25E+05	-7.64E+05	8.28E+05
1/15	8.03E+04	3.10E+04	1.36E+05	3.13E+04	1.35E+05	-7.35E+05	8.25E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

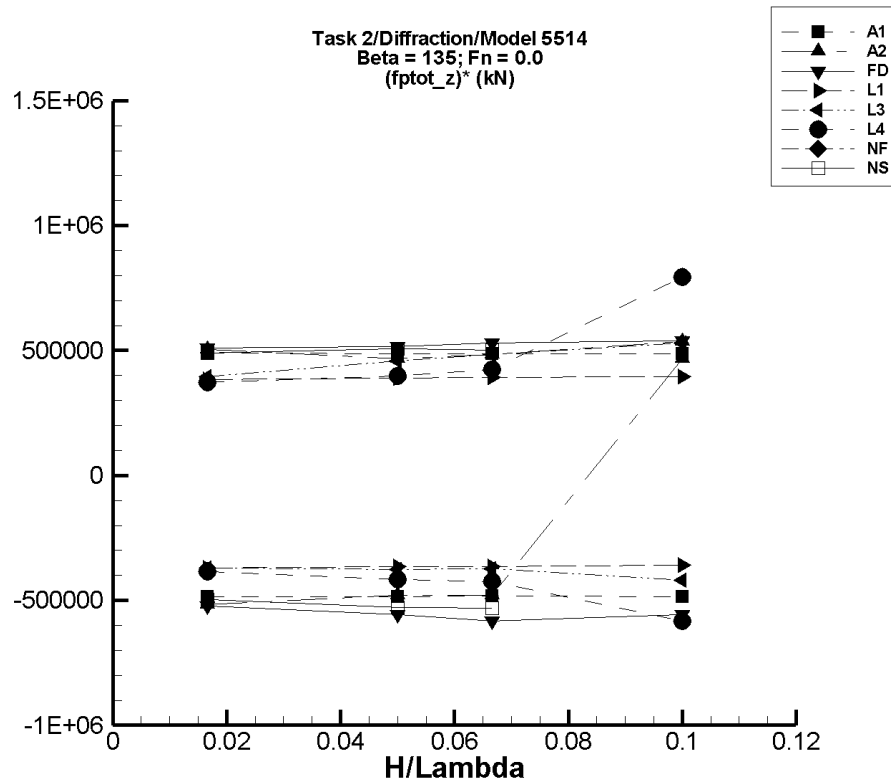


Figure R-32. Minimum and Maximum of $(F_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-249. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.20E+04	8.38E+04	1.00E+05	8.39E+04	1.00E+05	-4.85E+05	4.90E+05
1/20	9.20E+04	6.75E+04	1.17E+05	6.78E+04	1.16E+05	-4.84E+05	4.88E+05
1/15	9.20E+04	5.94E+04	1.25E+05	5.98E+04	1.25E+05	-4.83E+05	4.88E+05
1/10	9.20E+04	4.31E+04	1.41E+05	4.36E+04	1.41E+05	-4.84E+05	4.88E+05

Table R-250. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.22E+04	8.35E+04	1.01E+05	8.36E+04	1.01E+05	-5.17E+05	5.04E+05
1/20	9.49E+04	7.06E+04	1.18E+05	7.09E+04	1.18E+05	-4.80E+05	4.66E+05
1/15	9.71E+04	6.48E+04	1.30E+05	6.52E+04	1.29E+05	-4.79E+05	4.85E+05
1/10	3.85E+04	8.52E+04	9.19E+04	8.52E+04	9.19E+04	4.67E+05	5.35E+05

Table R-251. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.24E+04	8.35E+04	1.01E+05	8.36E+04	1.01E+05	-5.24E+05	5.11E+05
1/20	9.52E+04	6.70E+04	1.21E+05	6.73E+04	1.21E+05	-5.57E+05	5.17E+05
1/15	9.68E+04	5.75E+04	1.33E+05	5.80E+04	1.32E+05	-5.83E+05	5.30E+05
1/10	1.00E+05	4.39E+04	1.55E+05	4.46E+04	1.54E+05	-5.56E+05	5.39E+05

Table R-252. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.14E+04	8.52E+04	9.78E+04	8.52E+04	9.78E+04	-3.70E+05	3.84E+05
1/20	8.82E+04	6.98E+04	1.08E+05	6.99E+04	1.08E+05	-3.66E+05	3.89E+05
1/15	8.54E+04	6.10E+04	1.12E+05	6.11E+04	1.11E+05	-3.64E+05	3.91E+05
1/10	7.75E+04	4.13E+04	1.17E+05	4.14E+04	1.17E+05	-3.60E+05	3.96E+05

Table R-253. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.12E+04	8.50E+04	9.78E+04	8.50E+04	9.78E+04	-3.70E+05	3.96E+05
1/20	8.77E+04	6.87E+04	1.11E+05	6.88E+04	1.11E+05	-3.77E+05	4.59E+05
1/15	8.47E+04	5.99E+04	1.17E+05	5.99E+04	1.17E+05	-3.72E+05	4.84E+05
1/10	7.63E+04	3.41E+04	1.29E+05	3.43E+04	1.29E+05	-4.20E+05	5.30E+05

Table R-254. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.10E+04	8.45E+04	9.73E+04	8.46E+04	9.72E+04	-3.84E+05	3.72E+05
1/20	8.56E+04	6.47E+04	1.06E+05	6.48E+04	1.06E+05	-4.15E+05	3.99E+05
1/15	8.11E+04	5.25E+04	1.10E+05	5.28E+04	1.09E+05	-4.24E+05	4.25E+05
1/10	8.25E+04	2.35E+04	2.10E+05	2.42E+04	1.62E+05	-5.83E+05	7.94E+05

Table R–255. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_z^{ptot}		Filtered F_z^{ptot}		Filtered $(F_z^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–256. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_z^{ptot}		Filtered F_z^{ptot}		Filtered $(F_z^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.14E+04	8.30E+04	9.96E+04	8.31E+04	9.95E+04	-4.97E+05	4.89E+05
1/20	8.43E+04	5.76E+04	1.10E+05	5.79E+04	1.10E+05	-5.27E+05	5.06E+05
1/15	8.13E+04	4.56E+04	1.15E+05	4.59E+04	1.15E+05	-5.32E+05	5.02E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

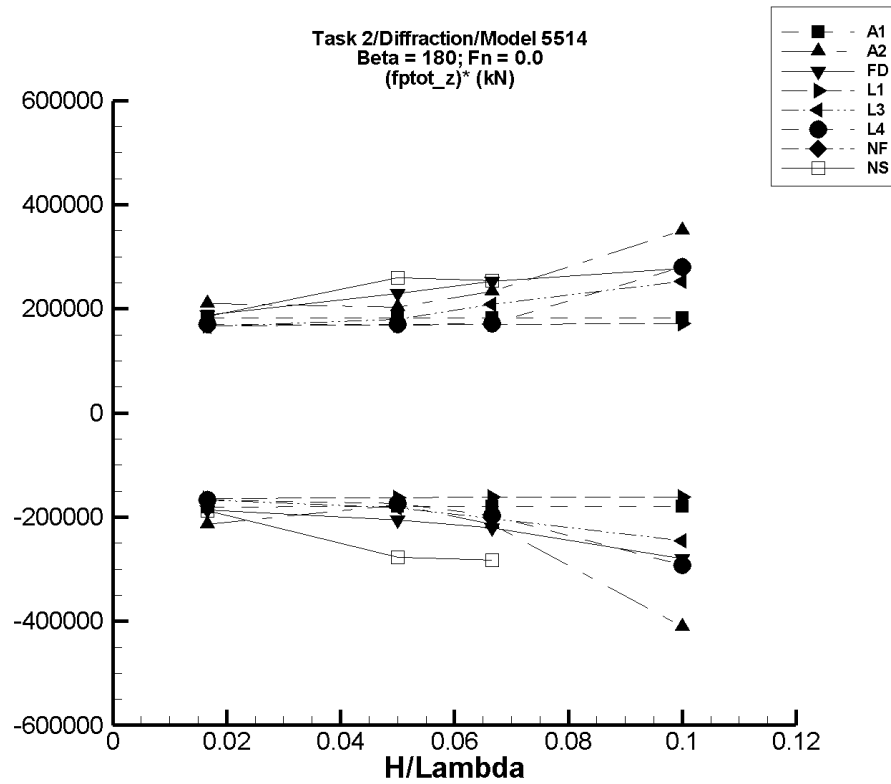


Figure R-33. Minimum and Maximum of $(F_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-257. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.20E+04	8.89E+04	9.51E+04	8.90E+04	9.50E+04	-1.80E+05	1.83E+05
1/20	9.20E+04	8.29E+04	1.01E+05	8.30E+04	1.01E+05	-1.80E+05	1.83E+05
1/15	9.20E+04	7.99E+04	1.04E+05	8.00E+04	1.04E+05	-1.80E+05	1.82E+05
1/10	9.20E+04	7.38E+04	1.10E+05	7.40E+04	1.10E+05	-1.80E+05	1.83E+05

Table R-258. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.22E+04	8.86E+04	9.57E+04	8.86E+04	9.57E+04	-2.14E+05	2.09E+05
1/20	9.49E+04	8.59E+04	1.05E+05	8.60E+04	1.05E+05	-1.77E+05	2.04E+05
1/15	9.71E+04	7.42E+04	1.13E+05	8.28E+04	1.13E+05	-2.14E+05	2.34E+05
1/10	8.87E+04	-471.	3.45E+05	4.76E+04	1.24E+05	-4.11E+05	3.51E+05

Table R-259. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.24E+04	8.92E+04	9.55E+04	8.93E+04	9.55E+04	-1.86E+05	1.88E+05
1/20	9.51E+04	8.48E+04	1.07E+05	8.49E+04	1.07E+05	-2.05E+05	2.29E+05
1/15	9.69E+04	8.20E+04	1.14E+05	8.21E+04	1.14E+05	-2.21E+05	2.52E+05
1/10	1.00E+05	7.19E+04	1.28E+05	7.23E+04	1.28E+05	-2.80E+05	2.78E+05

Table R-260. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.16E+04	8.88E+04	9.44E+04	8.89E+04	9.44E+04	-1.64E+05	1.68E+05
1/20	8.99E+04	8.18E+04	9.84E+04	8.18E+04	9.84E+04	-1.63E+05	1.69E+05
1/15	8.85E+04	7.76E+04	9.99E+04	7.77E+04	9.98E+04	-1.62E+05	1.70E+05
1/10	8.44E+04	6.82E+04	1.02E+05	6.83E+04	1.02E+05	-1.61E+05	1.72E+05

Table R-261. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.14E+04	8.86E+04	9.42E+04	8.86E+04	9.42E+04	-1.67E+05	1.66E+05
1/20	8.94E+04	8.02E+04	9.85E+04	8.03E+04	9.84E+04	-1.83E+05	1.80E+05
1/15	8.78E+04	7.43E+04	1.02E+05	7.43E+04	1.02E+05	-2.03E+05	2.08E+05
1/10	8.33E+04	5.86E+04	1.09E+05	5.87E+04	1.09E+05	-2.46E+05	2.53E+05

Table R-262. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.12E+04	8.84E+04	9.40E+04	8.84E+04	9.40E+04	-1.67E+05	1.71E+05
1/20	8.71E+04	7.83E+04	9.58E+04	7.84E+04	9.57E+04	-1.74E+05	1.70E+05
1/15	8.37E+04	7.02E+04	9.60E+04	7.06E+04	9.51E+04	-1.97E+05	1.71E+05
1/10	7.69E+04	3.02E+04	1.50E+05	4.76E+04	1.05E+05	-2.93E+05	2.81E+05

Table R–263. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_z^{ptot}		Filtered F_z^{ptot}		Filtered $(F_z^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–264. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_z^{ptot}		Filtered F_z^{ptot}		Filtered $(F_z^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.15E+04	8.83E+04	9.46E+04	8.83E+04	9.45E+04	-1.87E+05	1.85E+05
1/20	8.48E+04	7.08E+04	9.79E+04	7.10E+04	9.78E+04	-2.77E+05	2.59E+05
1/15	8.23E+04	6.32E+04	9.93E+04	6.34E+04	9.93E+04	-2.83E+05	2.54E+05
1/10	—	—	—	—	—	—	—

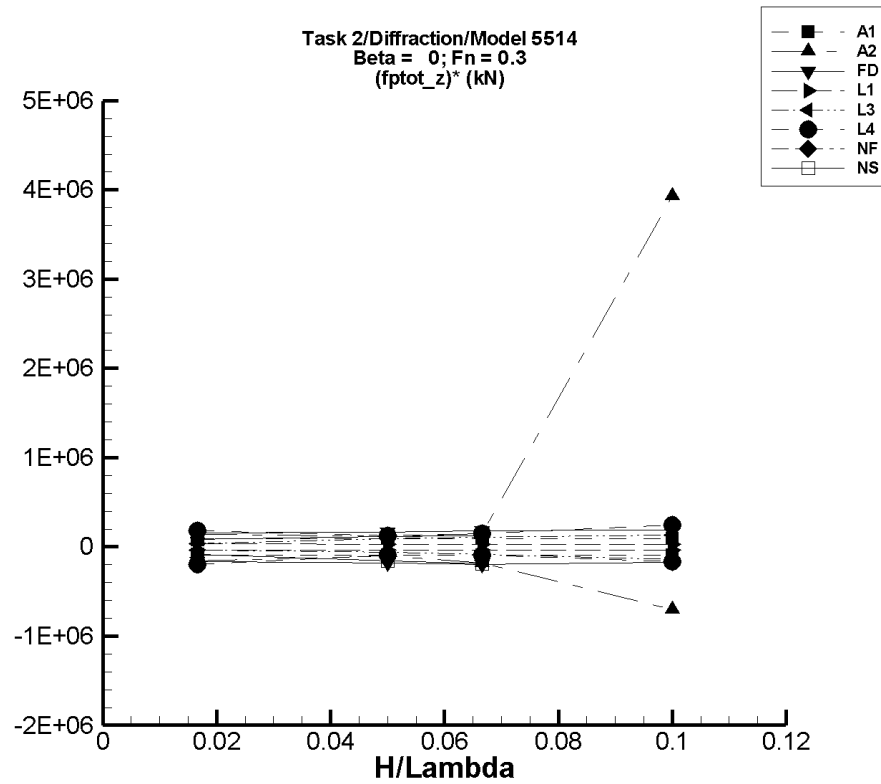


Figure R-34. Minimum and Maximum of $(F_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.3.

Table R-265. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.20E+04	9.04E+04	9.35E+04	9.05E+04	9.35E+04	-9.02E+04	8.94E+04
1/20	9.20E+04	8.73E+04	9.65E+04	8.75E+04	9.64E+04	-9.00E+04	8.92E+04
1/15	9.20E+04	8.58E+04	9.80E+04	8.60E+04	9.79E+04	-8.98E+04	8.90E+04
1/10	9.20E+04	8.26E+04	1.01E+05	8.30E+04	1.01E+05	-9.00E+04	8.92E+04

Table R-266. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.22E+04	8.95E+04	9.47E+04	8.95E+04	9.46E+04	-1.59E+05	1.43E+05
1/20	9.48E+04	8.96E+04	1.01E+05	8.98E+04	1.01E+05	-1.00E+05	1.19E+05
1/15	9.70E+04	7.87E+04	1.07E+05	8.47E+04	1.07E+05	-1.85E+05	1.49E+05
1/10	9.58E+04	-2.86E+05	3.40E+06	2.57E+04	4.89E+05	-7.01E+05	3.93E+06

Table R-267. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.24E+04	8.96E+04	9.50E+04	8.96E+04	9.50E+04	-1.65E+05	1.60E+05
1/20	9.52E+04	8.60E+04	1.03E+05	8.60E+04	1.03E+05	-1.82E+05	1.66E+05
1/15	9.68E+04	8.38E+04	1.09E+05	8.39E+04	1.09E+05	-1.95E+05	1.80E+05
1/10	1.00E+05	8.28E+04	1.19E+05	8.28E+04	1.19E+05	-1.74E+05	1.85E+05

Table R-268. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	8.69E+04	8.63E+04	8.74E+04	8.63E+04	8.74E+04	-3.30E+04	3.23E+04
1/20	8.54E+04	8.38E+04	8.70E+04	8.38E+04	8.70E+04	-3.38E+04	3.16E+04
1/15	8.42E+04	8.19E+04	8.63E+04	8.19E+04	8.63E+04	-3.42E+04	3.12E+04
1/10	8.06E+04	7.71E+04	8.37E+04	7.71E+04	8.37E+04	-3.49E+04	3.05E+04

Table R-269. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	8.67E+04	8.61E+04	8.74E+04	8.61E+04	8.74E+04	-3.64E+04	3.93E+04
1/20	8.49E+04	8.18E+04	8.95E+04	8.18E+04	8.95E+04	-6.23E+04	9.27E+04
1/15	8.35E+04	7.81E+04	9.10E+04	7.81E+04	9.10E+04	-8.11E+04	1.12E+05
1/10	7.95E+04	6.54E+04	9.28E+04	6.54E+04	9.28E+04	-1.41E+05	1.33E+05

Table R-270. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	8.66E+04	8.32E+04	8.98E+04	8.34E+04	8.96E+04	-1.95E+05	1.80E+05
1/20	8.42E+04	7.92E+04	9.11E+04	7.94E+04	9.05E+04	-9.65E+04	1.27E+05
1/15	8.25E+04	7.60E+04	9.27E+04	7.62E+04	9.23E+04	-9.53E+04	1.46E+05
1/10	7.98E+04	4.53E+04	1.22E+05	6.31E+04	1.05E+05	-1.68E+05	2.48E+05

Table R–271. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_z^{ptot}		Filtered F_z^{ptot}		Filtered $(F_z^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–272. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_z^{ptot}		Filtered F_z^{ptot}		Filtered $(F_z^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	8.99E+04	9.28E+04	8.99E+04	9.27E+04	-8.76E+04	8.39E+04
1/20	8.20E+04	7.40E+04	8.79E+04	7.42E+04	8.78E+04	-1.56E+05	1.17E+05
1/15	7.61E+04	6.31E+04	8.46E+04	6.34E+04	8.45E+04	-1.91E+05	1.26E+05
1/10	—	—	—	—	—	—	—

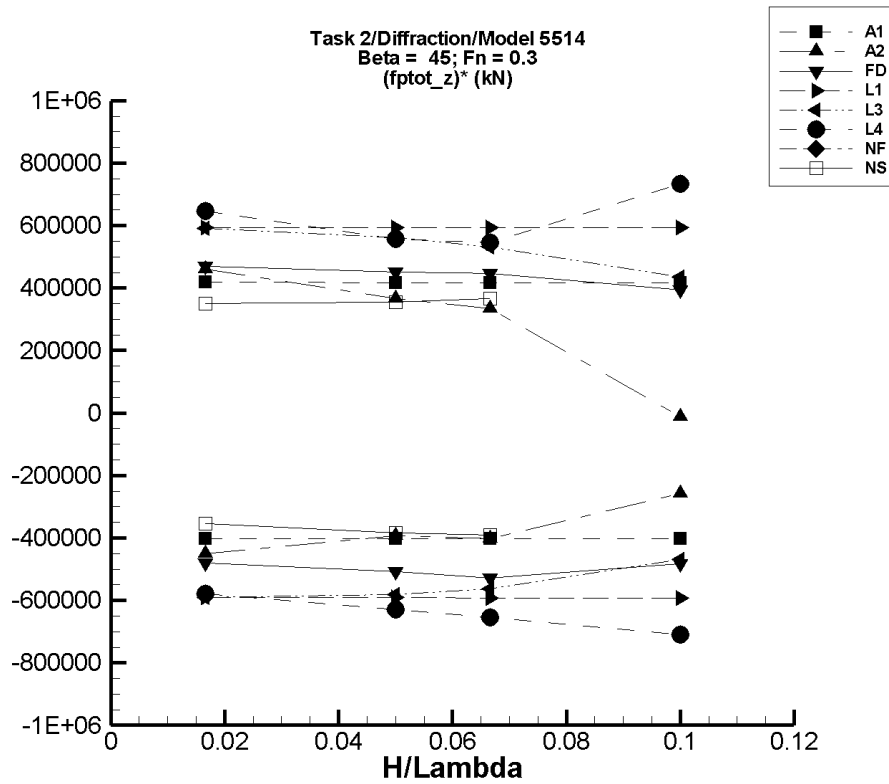


Figure R-35. Minimum and Maximum of $(F_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-273. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.19E+04	8.52E+04	9.89E+04	8.52E+04	9.89E+04	-4.03E+05	4.18E+05
1/20	9.19E+04	7.17E+04	1.13E+05	7.18E+04	1.13E+05	-4.02E+05	4.17E+05
1/15	9.19E+04	6.50E+04	1.20E+05	6.51E+04	1.20E+05	-4.02E+05	4.17E+05
1/10	9.18E+04	5.15E+04	1.34E+05	5.16E+04	1.34E+05	-4.02E+05	4.17E+05

Table R-274. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.22E+04	8.46E+04	9.99E+04	8.46E+04	9.98E+04	-4.51E+05	4.61E+05
1/20	9.48E+04	7.51E+04	1.13E+05	7.52E+04	1.13E+05	-3.92E+05	3.67E+05
1/15	9.67E+04	6.88E+04	1.19E+05	6.98E+04	1.19E+05	-4.03E+05	3.34E+05
1/10	1.02E+05	7.27E+04	1.02E+05	7.65E+04	1.01E+05	-2.57E+05	-1.29E+04

Table R-275. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.24E+04	8.43E+04	1.00E+05	8.44E+04	1.00E+05	-4.80E+05	4.69E+05
1/20	9.51E+04	6.97E+04	1.18E+05	6.98E+04	1.18E+05	-5.07E+05	4.52E+05
1/15	9.68E+04	6.15E+04	1.27E+05	6.16E+04	1.27E+05	-5.28E+05	4.48E+05
1/10	1.00E+05	5.15E+04	1.40E+05	5.17E+04	1.39E+05	-4.83E+05	3.94E+05

Table R-276. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	8.66E+04	7.67E+04	9.65E+04	7.67E+04	9.65E+04	-5.92E+05	5.94E+05
1/20	8.25E+04	5.29E+04	1.12E+05	5.30E+04	1.12E+05	-5.92E+05	5.93E+05
1/15	7.90E+04	3.95E+04	1.19E+05	3.96E+04	1.19E+05	-5.92E+05	5.93E+05
1/10	6.90E+04	9.74E+03	1.28E+05	9.79E+03	1.28E+05	-5.92E+05	5.92E+05

Table R-277. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	8.64E+04	7.65E+04	9.62E+04	7.65E+04	9.62E+04	-5.90E+05	5.90E+05
1/20	8.20E+04	5.29E+04	1.10E+05	5.29E+04	1.10E+05	-5.82E+05	5.62E+05
1/15	7.83E+04	4.07E+04	1.14E+05	4.07E+04	1.14E+05	-5.64E+05	5.31E+05
1/10	6.78E+04	2.08E+04	1.11E+05	2.09E+04	1.11E+05	-4.69E+05	4.36E+05

Table R-278. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	8.63E+04	7.67E+04	9.72E+04	7.67E+04	9.71E+04	-5.78E+05	6.47E+05
1/20	8.26E+04	5.08E+04	1.11E+05	5.11E+04	1.10E+05	-6.30E+05	5.58E+05
1/15	8.02E+04	3.57E+04	1.17E+05	3.66E+04	1.17E+05	-6.55E+05	5.45E+05
1/10	8.70E+04	1.47E+04	2.33E+05	1.61E+04	1.60E+05	-7.09E+05	7.34E+05

Table R–279. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_z^{ptot}		Filtered F_z^{ptot}		Filtered $(F_z^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–280. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_z^{ptot}		Filtered F_z^{ptot}		Filtered $(F_z^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.14E+04	8.54E+04	9.72E+04	8.54E+04	9.72E+04	-3.55E+05	3.50E+05
1/20	8.53E+04	6.60E+04	1.03E+05	6.62E+04	1.03E+05	-3.83E+05	3.56E+05
1/15	7.97E+04	5.34E+04	1.04E+05	5.36E+04	1.04E+05	-3.91E+05	3.67E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

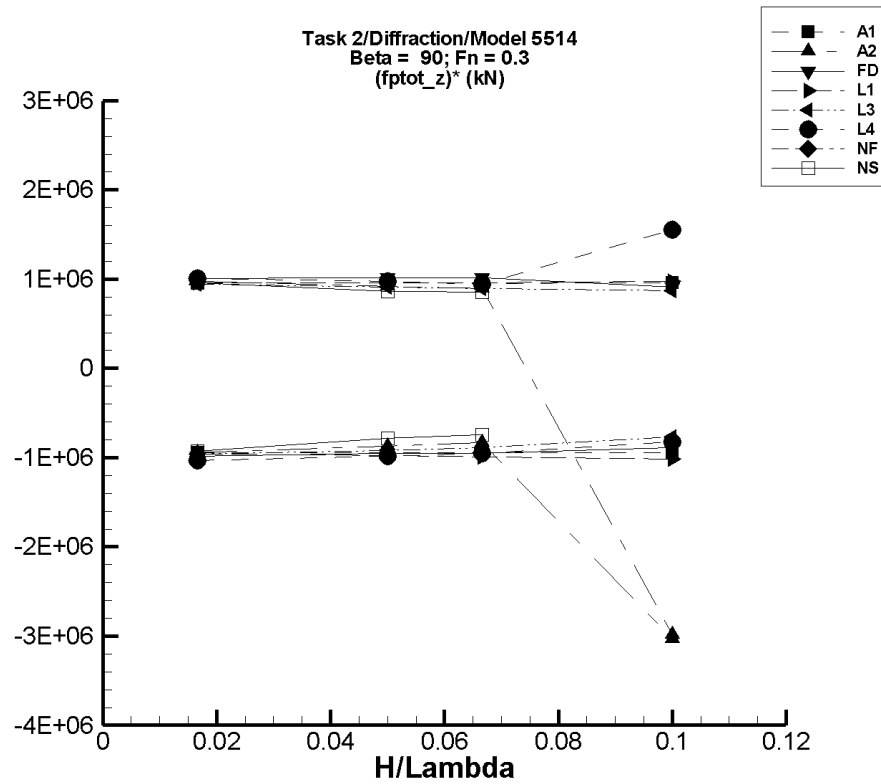


Figure R-36. Minimum and Maximum of $(F_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

Table R–281. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.20E+04	7.61E+04	1.08E+05	7.62E+04	1.08E+05	-9.48E+05	9.58E+05
1/20	9.22E+04	4.44E+04	1.40E+05	4.49E+04	1.40E+05	-9.45E+05	9.55E+05
1/15	9.23E+04	2.87E+04	1.56E+05	2.94E+04	1.56E+05	-9.44E+05	9.54E+05
1/10	9.24E+04	-3.11E+03	1.88E+05	-2.08E+03	1.88E+05	-9.45E+05	9.55E+05

Table R–282. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.23E+04	7.63E+04	1.08E+05	7.65E+04	1.09E+05	-9.47E+05	9.76E+05
1/20	9.49E+04	4.87E+04	1.41E+05	5.11E+04	1.41E+05	-8.74E+05	9.18E+05
1/15	9.73E+04	3.89E+04	1.57E+05	4.20E+04	1.57E+05	-8.30E+05	8.93E+05
1/10	4.39E+05	1.36E+05	1.41E+05	1.36E+05	1.41E+05	-3.03E+06	-2.98E+06

Table R–283. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.24E+04	7.57E+04	1.09E+05	7.59E+04	1.09E+05	-9.87E+05	1.01E+06
1/20	9.52E+04	4.70E+04	1.47E+05	4.74E+04	1.46E+05	-9.55E+05	1.02E+06
1/15	9.69E+04	3.26E+04	1.65E+05	3.33E+04	1.64E+05	-9.53E+05	1.01E+06
1/10	1.01E+05	9.90E+03	1.93E+05	1.15E+04	1.91E+05	-8.90E+05	9.08E+05

Table R-284. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	8.65E+04	7.03E+04	1.02E+05	7.04E+04	1.02E+05	-9.64E+05	9.55E+05
1/20	8.18E+04	3.26E+04	1.30E+05	3.28E+04	1.30E+05	-9.80E+05	9.57E+05
1/15	7.78E+04	1.14E+04	1.42E+05	1.17E+04	1.42E+05	-9.92E+05	9.62E+05
1/10	6.62E+04	-3.62E+04	1.64E+05	-3.57E+04	1.64E+05	-1.02E+06	9.78E+05

Table R-285. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	8.63E+04	7.02E+04	1.02E+05	7.02E+04	1.02E+05	-9.63E+05	9.43E+05
1/20	8.14E+04	3.50E+04	1.27E+05	3.52E+04	1.27E+05	-9.24E+05	9.08E+05
1/15	7.73E+04	1.77E+04	1.37E+05	1.79E+04	1.37E+05	-8.90E+05	8.96E+05
1/10	6.57E+04	-1.12E+04	1.53E+05	-1.07E+04	1.52E+05	-7.64E+05	8.67E+05

Table R-286. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	8.61E+04	6.88E+04	1.03E+05	6.89E+04	1.03E+05	-1.04E+06	1.01E+06
1/20	8.03E+04	3.06E+04	1.29E+05	3.09E+04	1.29E+05	-9.88E+05	9.75E+05
1/15	7.62E+04	1.24E+04	1.39E+05	1.28E+04	1.39E+05	-9.51E+05	9.44E+05
1/10	7.71E+04	-1.31E+04	7.97E+05	-5.33E+03	2.33E+05	-8.25E+05	1.56E+06

Table R–287. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_z^{ptot}		Filtered F_z^{ptot}		Filtered $(F_z^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–288. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_z^{ptot}		Filtered F_z^{ptot}		Filtered $(F_z^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.11E+04	7.56E+04	1.07E+05	7.57E+04	1.07E+05	-9.25E+05	9.59E+05
1/20	8.30E+04	4.36E+04	1.27E+05	4.39E+04	1.26E+05	-7.83E+05	8.62E+05
1/15	7.91E+04	2.93E+04	1.37E+05	2.95E+04	1.36E+05	-7.43E+05	8.57E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

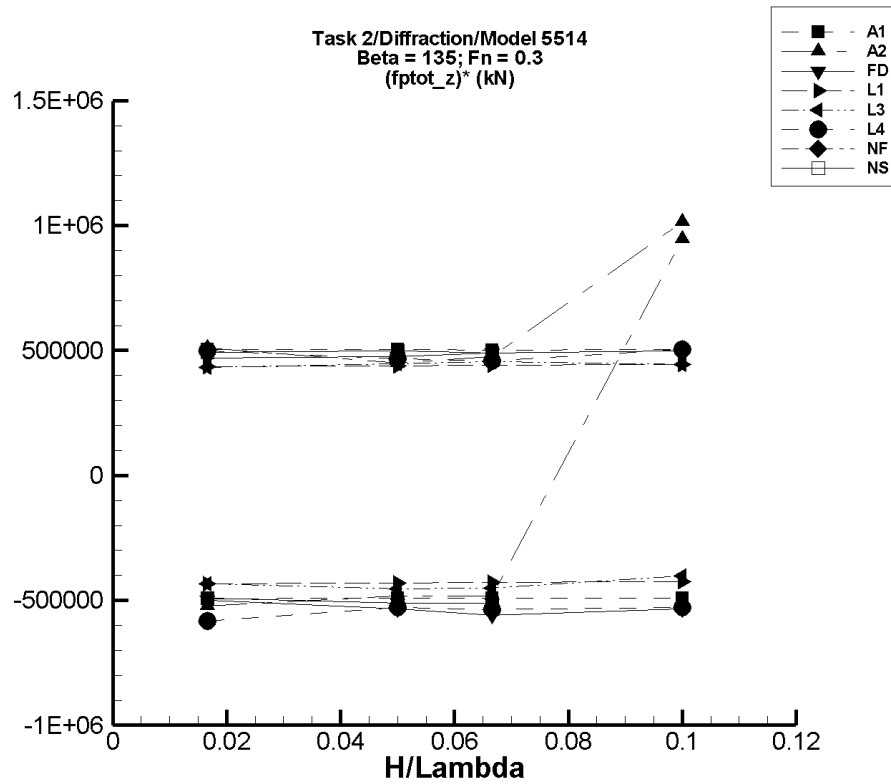


Figure R-37. Minimum and Maximum of $(F_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R–289. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.20E+04	8.35E+04	1.01E+05	8.37E+04	1.00E+05	-4.93E+05	5.05E+05
1/20	9.20E+04	6.67E+04	1.18E+05	6.74E+04	1.17E+05	-4.91E+05	5.03E+05
1/15	9.20E+04	5.84E+04	1.26E+05	5.92E+04	1.25E+05	-4.91E+05	5.03E+05
1/10	9.20E+04	4.15E+04	1.43E+05	4.28E+04	1.42E+05	-4.91E+05	5.03E+05

Table R–290. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.22E+04	8.33E+04	1.01E+05	8.35E+04	1.01E+05	-5.22E+05	5.11E+05
1/20	9.48E+04	6.99E+04	1.18E+05	7.06E+04	1.17E+05	-4.83E+05	4.51E+05
1/15	9.70E+04	6.38E+04	1.29E+05	6.49E+04	1.29E+05	-4.81E+05	4.76E+05
1/10	-2.00E+04	7.45E+04	8.14E+04	7.45E+04	8.14E+04	9.46E+05	1.01E+06

Table R–291. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.24E+04	8.41E+04	1.00E+05	8.41E+04	1.00E+05	-4.99E+05	4.71E+05
1/20	9.52E+04	6.86E+04	1.20E+05	6.85E+04	1.19E+05	-5.34E+05	4.76E+05
1/15	9.69E+04	5.96E+04	1.30E+05	5.95E+04	1.29E+05	-5.60E+05	4.89E+05
1/10	1.00E+05	4.71E+04	1.51E+05	4.68E+04	1.50E+05	-5.34E+05	4.97E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R–292. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	8.66E+04	7.94E+04	9.40E+04	7.94E+04	9.39E+04	-4.32E+05	4.36E+05
1/20	8.34E+04	6.17E+04	1.06E+05	6.19E+04	1.05E+05	-4.30E+05	4.39E+05
1/15	8.05E+04	5.17E+04	1.10E+05	5.20E+04	1.10E+05	-4.28E+05	4.40E+05
1/10	7.24E+04	2.94E+04	1.17E+05	2.98E+04	1.17E+05	-4.26E+05	4.43E+05

Table R–293. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	8.65E+04	7.92E+04	9.38E+04	7.92E+04	9.37E+04	-4.35E+05	4.33E+05
1/20	8.29E+04	6.00E+04	1.05E+05	6.02E+04	1.05E+05	-4.52E+05	4.48E+05
1/15	7.98E+04	4.94E+04	1.10E+05	4.97E+04	1.10E+05	-4.52E+05	4.54E+05
1/10	7.12E+04	3.09E+04	1.16E+05	3.11E+04	1.16E+05	-4.01E+05	4.45E+05

Table R–294. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	8.60E+04	7.60E+04	9.45E+04	7.63E+04	9.43E+04	-5.82E+05	4.99E+05
1/20	7.96E+04	5.29E+04	1.04E+05	5.32E+04	1.03E+05	-5.28E+05	4.66E+05
1/15	7.50E+04	3.89E+04	1.06E+05	3.93E+04	1.06E+05	-5.35E+05	4.58E+05
1/10	7.00E+04	1.62E+04	1.55E+05	1.72E+04	1.21E+05	-5.28E+05	5.05E+05

Table R–295. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_z^{ptot}		Filtered F_z^{ptot}		Filtered $(F_z^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–296. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered F_z^{ptot}		Filtered F_z^{ptot}		Filtered $(F_z^{\text{ptot}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	8.30E+04	9.96E+04	8.31E+04	9.95E+04	-4.92E+05	4.93E+05
1/20	8.35E+04	5.77E+04	1.09E+05	5.80E+04	1.08E+05	-5.10E+05	5.00E+05
1/15	8.00E+04	4.54E+04	1.13E+05	4.58E+04	1.13E+05	-5.12E+05	4.89E+05
1/10	—	—	—	—	—	—	—

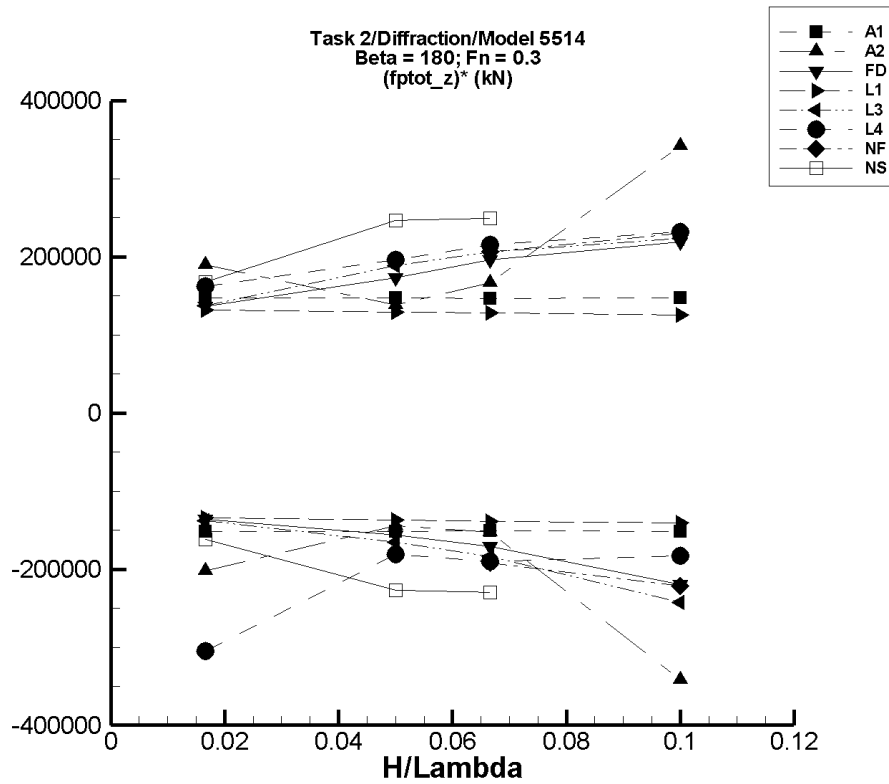


Figure R-38. Minimum and Maximum of $(F_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R–297. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.20E+04	8.94E+04	9.45E+04	8.95E+04	9.45E+04	-1.52E+05	1.47E+05
1/20	9.21E+04	8.42E+04	9.97E+04	8.45E+04	9.94E+04	-1.51E+05	1.47E+05
1/15	9.21E+04	8.17E+04	1.02E+05	8.20E+04	1.02E+05	-1.51E+05	1.47E+05
1/10	9.22E+04	7.65E+04	1.07E+05	7.70E+04	1.07E+05	-1.51E+05	1.47E+05

Table R–298. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.22E+04	8.87E+04	9.55E+04	8.88E+04	9.54E+04	-2.02E+05	1.89E+05
1/20	9.50E+04	8.73E+04	1.02E+05	8.77E+04	1.02E+05	-1.45E+05	1.38E+05
1/15	9.73E+04	8.65E+04	1.09E+05	8.72E+04	1.08E+05	-1.52E+05	1.67E+05
1/10	8.59E+04	-1.27E+03	1.26E+05	5.17E+04	1.20E+05	-3.42E+05	3.42E+05

Table R–299. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	9.24E+04	9.00E+04	9.47E+04	9.01E+04	9.46E+04	-1.36E+05	1.36E+05
1/20	9.52E+04	8.71E+04	1.04E+05	8.74E+04	1.04E+05	-1.56E+05	1.74E+05
1/15	9.68E+04	8.51E+04	1.10E+05	8.54E+04	1.10E+05	-1.71E+05	1.96E+05
1/10	1.00E+05	7.73E+04	1.23E+05	7.82E+04	1.22E+05	-2.20E+05	2.19E+05

Table R-300. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	8.68E+04	8.45E+04	8.90E+04	8.45E+04	8.90E+04	-1.35E+05	1.32E+05
1/20	8.46E+04	7.77E+04	9.12E+04	7.78E+04	9.11E+04	-1.37E+05	1.29E+05
1/15	8.28E+04	7.34E+04	9.14E+04	7.35E+04	9.13E+04	-1.38E+05	1.28E+05
1/10	7.74E+04	6.31E+04	9.01E+04	6.33E+04	9.00E+04	-1.41E+05	1.26E+05

Table R-301. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	8.66E+04	8.43E+04	8.89E+04	8.43E+04	8.89E+04	-1.38E+05	1.38E+05
1/20	8.41E+04	7.57E+04	9.37E+04	7.58E+04	9.35E+04	-1.65E+05	1.89E+05
1/15	8.21E+04	6.97E+04	9.61E+04	6.99E+04	9.59E+04	-1.84E+05	2.06E+05
1/10	7.63E+04	5.16E+04	9.90E+04	5.21E+04	9.87E+04	-2.43E+05	2.24E+05

Table R-302. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered $(F_z^{\text{ptot}})^*$ Min. (kN)	Max. (kN)
1/60	8.60E+04	8.07E+04	8.88E+04	8.09E+04	8.87E+04	-3.05E+05	1.63E+05
1/20	8.05E+04	7.11E+04	9.12E+04	7.14E+04	9.03E+04	-1.81E+05	1.96E+05
1/15	7.67E+04	6.34E+04	9.19E+04	6.40E+04	9.10E+04	-1.90E+05	2.15E+05
1/10	6.79E+04	3.31E+04	1.15E+05	4.96E+04	9.11E+04	-1.83E+05	2.32E+05

Table R-303. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	$(F_z^{\text{ptot}})^*$ Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	8.86E+04	7.95E+04	9.92E+04	8.00E+04	9.83E+04	-1.72E+05	1.96E+05
1/15	9.13E+04	7.78E+04	1.06E+05	7.84E+04	1.05E+05	-1.93E+05	2.06E+05
1/10	9.27E+04	6.93E+04	1.16E+05	7.06E+04	1.16E+05	-2.21E+05	2.30E+05

Table R-304. Minimum and Maximum of F_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{ptot}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	F_z^{ptot} Max. (kN)	Filtered Min. (kN)	$(F_z^{\text{ptot}})^*$ Max. (kN)
1/60	9.13E+04	8.86E+04	9.42E+04	8.87E+04	9.41E+04	-1.61E+05	1.68E+05
1/20	8.41E+04	7.26E+04	9.66E+04	7.28E+04	9.64E+04	-2.27E+05	2.46E+05
1/15	8.17E+04	6.63E+04	9.85E+04	6.64E+04	9.83E+04	-2.30E+05	2.49E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

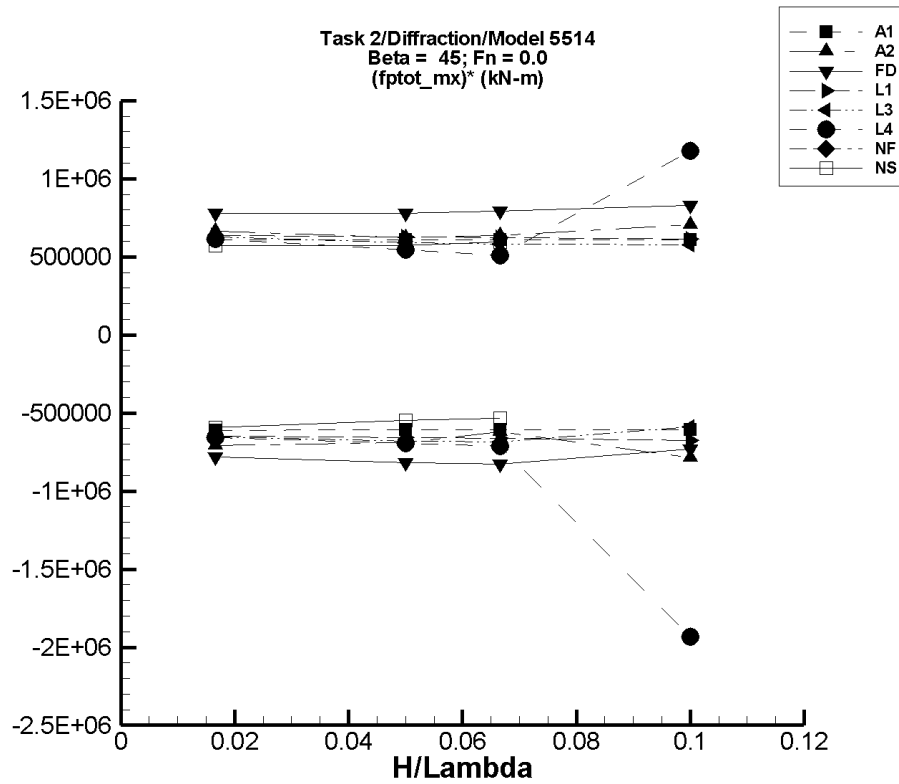


Figure R-39. Minimum and Maximum of $(M_x^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

Table R-305. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	5.36	-1.03E+04	1.03E+04	-1.02E+04	1.02E+04	-6.10E+05	6.10E+05
1/20	16.0	-3.08E+04	3.08E+04	-3.04E+04	3.04E+04	-6.08E+05	6.08E+05
1/15	21.3	-4.09E+04	4.10E+04	-4.05E+04	4.05E+04	-6.07E+05	6.07E+05
1/10	32.0	-6.15E+04	6.15E+04	-6.08E+04	6.09E+04	-6.08E+05	6.08E+05

Table R-306. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-9.40	-1.20E+04	1.13E+04	-1.18E+04	1.11E+04	-7.09E+05	6.65E+05
1/20	-318.	-3.53E+04	3.09E+04	-3.48E+04	3.07E+04	-6.89E+05	6.21E+05
1/15	-392.	-4.88E+04	4.26E+04	-4.16E+04	4.21E+04	-6.19E+05	6.38E+05
1/10	6.45E+03	-2.26E+05	2.26E+05	-7.22E+04	7.71E+04	-7.86E+05	7.07E+05

Table R-307. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-3.26	-1.32E+04	1.30E+04	-1.30E+04	1.30E+04	-7.81E+05	7.79E+05
1/20	-22.4	-4.14E+04	3.94E+04	-4.09E+04	3.90E+04	-8.18E+05	7.80E+05
1/15	-63.1	-5.63E+04	5.34E+04	-5.53E+04	5.29E+04	-8.29E+05	7.95E+05
1/10	-337.	-7.35E+04	8.42E+04	-7.33E+04	8.28E+04	-7.30E+05	8.31E+05

Table R-308. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	407.	-1.04E+04	1.10E+04	-1.04E+04	1.10E+04	-6.46E+05	6.35E+05
1/20	3.66E+03	-2.93E+04	3.51E+04	-2.92E+04	3.50E+04	-6.57E+05	6.26E+05
1/15	6.51E+03	-3.79E+04	4.81E+04	-3.77E+04	4.80E+04	-6.63E+05	6.22E+05
1/10	1.46E+04	-5.32E+04	7.64E+04	-5.28E+04	7.62E+04	-6.75E+05	6.15E+05

Table R-309. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	404.	-1.06E+04	1.09E+04	-1.05E+04	1.08E+04	-6.55E+05	6.26E+05
1/20	3.62E+03	-3.05E+04	3.33E+04	-3.04E+04	3.32E+04	-6.80E+05	5.92E+05
1/15	6.38E+03	-3.95E+04	4.54E+04	-3.92E+04	4.53E+04	-6.84E+05	5.83E+05
1/10	1.43E+04	-4.45E+04	7.22E+04	-4.44E+04	7.19E+04	-5.87E+05	5.76E+05

Table R-310. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-219.	-1.18E+04	1.03E+04	-1.12E+04	1.00E+04	-6.56E+05	6.16E+05
1/20	-2.84E+03	-3.90E+04	2.52E+04	-3.76E+04	2.43E+04	-6.95E+05	5.44E+05
1/15	-6.36E+03	-5.68E+04	2.94E+04	-5.38E+04	2.76E+04	-7.11E+05	5.10E+05
1/10	-5.96E+04	-3.96E+05	2.11E+05	-2.53E+05	5.83E+04	-1.93E+06	1.18E+06

Table R–311. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–312. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-366.	-1.04E+04	9.34E+03	-1.02E+04	9.20E+03	-5.93E+05	5.74E+05
1/20	-3.94E+03	-3.16E+04	2.51E+04	-3.13E+04	2.47E+04	-5.47E+05	5.74E+05
1/15	-8.59E+03	-4.42E+04	3.15E+04	-4.41E+04	3.10E+04	-5.33E+05	5.95E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

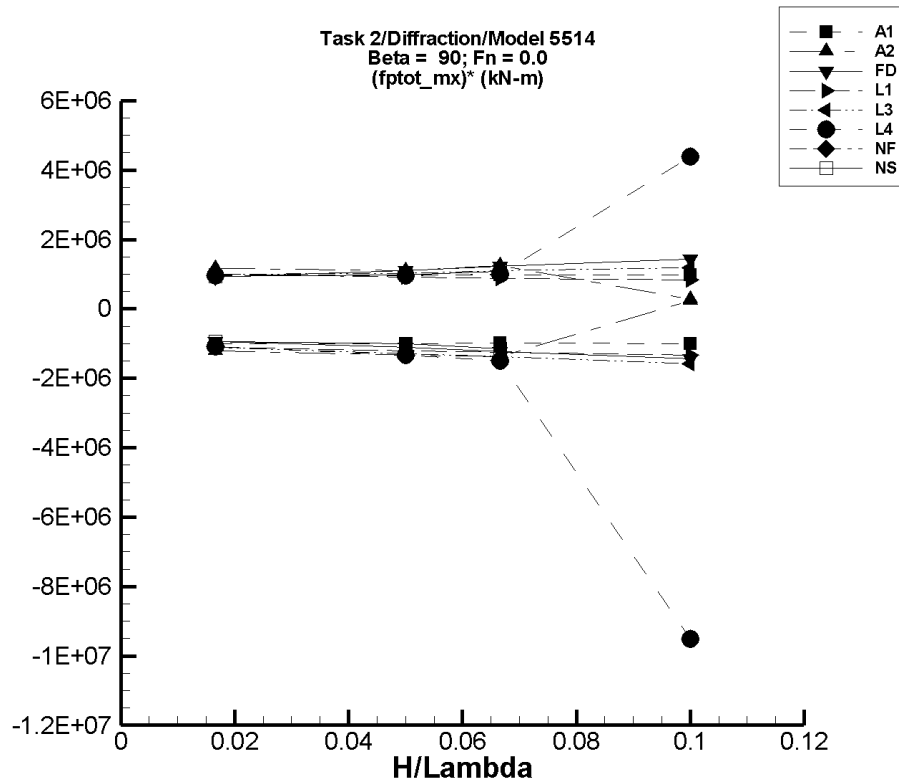


Figure R-40. Minimum and Maximum of $(M_x^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

Table R–313. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	19.5	-1.66E+04	1.66E+04	-1.66E+04	1.64E+04	-9.97E+05	9.82E+05
1/20	58.2	-4.96E+04	4.96E+04	-4.97E+04	4.90E+04	-9.95E+05	9.80E+05
1/15	77.6	-6.61E+04	6.60E+04	-6.61E+04	6.53E+04	-9.93E+05	9.78E+05
1/10	116.	-9.92E+04	9.92E+04	-9.94E+04	9.81E+04	-9.95E+05	9.80E+05

Table R–314. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	4.15	-2.04E+04	1.98E+04	-2.00E+04	1.95E+04	-1.20E+06	1.17E+06
1/20	-106.	-1.33E+05	6.47E+04	-6.67E+04	5.50E+04	-1.33E+06	1.10E+06
1/15	232.	-9.48E+04	8.60E+04	-9.22E+04	8.34E+04	-1.39E+06	1.25E+06
1/10	-6.70E+03	1.58E+04	2.02E+04	1.58E+04	2.02E+04	2.25E+05	2.69E+05

Table R–315. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	2.19	-1.57E+04	1.55E+04	-1.58E+04	1.53E+04	-9.47E+05	9.18E+05
1/20	83.7	-5.58E+04	5.43E+04	-5.48E+04	5.47E+04	-1.10E+06	1.09E+06
1/15	166.	-8.47E+04	8.24E+04	-8.25E+04	8.15E+04	-1.24E+06	1.22E+06
1/10	26.6	-1.48E+05	1.45E+05	-1.43E+05	1.44E+05	-1.43E+06	1.44E+06

Table R-316. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	798.	-1.76E+04	1.76E+04	-1.76E+04	1.76E+04	-1.11E+06	1.01E+06
1/20	7.12E+03	-5.30E+04	5.30E+04	-5.29E+04	5.29E+04	-1.20E+06	9.16E+05
1/15	1.26E+04	-7.08E+04	7.11E+04	-7.05E+04	7.10E+04	-1.25E+06	8.76E+05
1/10	2.84E+04	-1.07E+05	1.12E+05	-1.06E+05	1.11E+05	-1.34E+06	8.29E+05

Table R-317. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	799.	-1.79E+04	1.76E+04	-1.78E+04	1.76E+04	-1.11E+06	1.01E+06
1/20	7.12E+03	-5.74E+04	5.88E+04	-5.70E+04	5.85E+04	-1.28E+06	1.03E+06
1/15	1.26E+04	-8.02E+04	8.71E+04	-7.96E+04	8.66E+04	-1.38E+06	1.11E+06
1/10	2.82E+04	-1.32E+05	1.49E+05	-1.30E+05	1.48E+05	-1.58E+06	1.19E+06

Table R-318. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-247.	-1.95E+04	1.60E+04	-1.82E+04	1.57E+04	-1.08E+06	9.59E+05
1/20	-6.04E+03	-7.63E+04	4.45E+04	-7.32E+04	4.14E+04	-1.34E+06	9.49E+05
1/15	-1.36E+04	-1.23E+05	5.60E+04	-1.14E+05	5.23E+04	-1.51E+06	9.89E+05
1/10	-9.50E+04	-3.08E+06	3.05E+05	-1.05E+06	3.43E+05	-9.51E+06	4.38E+06

Table R–319. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–320. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-537.	-1.64E+04	1.53E+04	-1.62E+04	1.52E+04	-9.40E+05	9.43E+05
1/20	-5.60E+03	-5.64E+04	4.38E+04	-5.55E+04	4.29E+04	-9.98E+05	9.71E+05
1/15	-1.20E+04	-8.91E+04	6.11E+04	-8.83E+04	6.01E+04	-1.14E+06	1.08E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

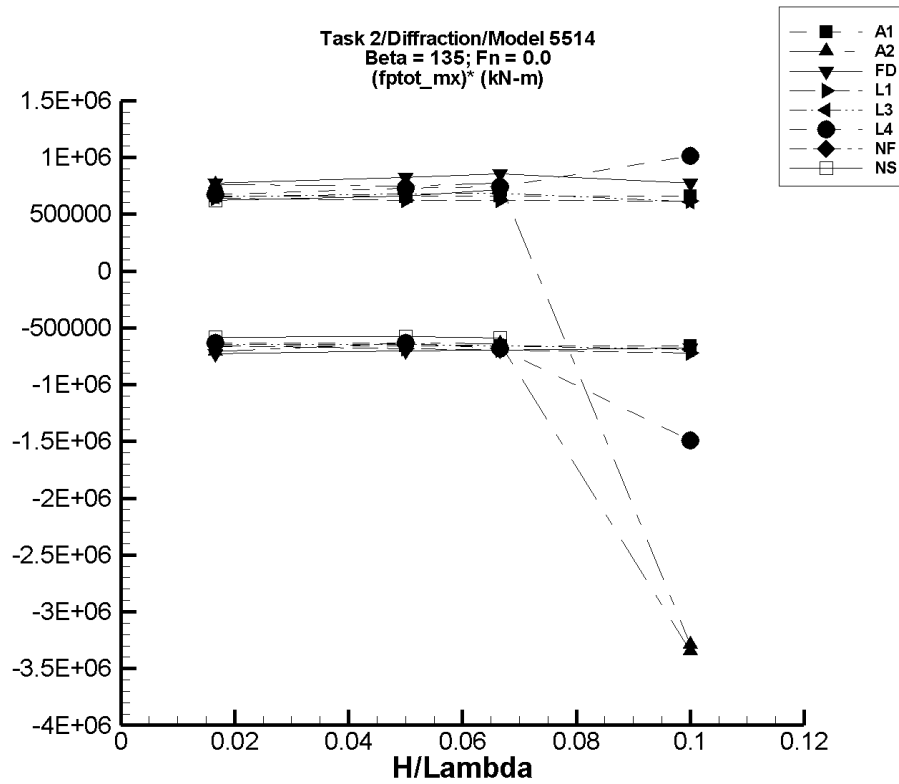


Figure R-41. Minimum and Maximum of $(M_x^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-321. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	11.9	-1.11E+04	1.11E+04	-1.10E+04	1.10E+04	-6.63E+05	6.60E+05
1/20	35.7	-3.34E+04	3.33E+04	-3.30E+04	3.29E+04	-6.61E+05	6.58E+05
1/15	47.5	-4.44E+04	4.44E+04	-4.39E+04	4.39E+04	-6.60E+05	6.57E+05
1/10	71.3	-6.67E+04	6.66E+04	-6.60E+04	6.59E+04	-6.61E+05	6.58E+05

Table R-322. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-1.51	-1.27E+04	1.28E+04	-1.18E+04	1.27E+04	-7.07E+05	7.59E+05
1/20	391.	-3.15E+04	3.81E+04	-3.13E+04	3.77E+04	-6.34E+05	7.46E+05
1/15	235.	-4.25E+04	5.41E+04	-4.23E+04	5.16E+04	-6.38E+05	7.71E+05
1/10	2.93E+05	-4.19E+04	-3.66E+04	-4.19E+04	-3.66E+04	-3.35E+06	-3.29E+06

Table R-323. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	1.59	-1.23E+04	1.30E+04	-1.22E+04	1.28E+04	-7.30E+05	7.71E+05
1/20	42.0	-3.52E+04	4.18E+04	-3.50E+04	4.13E+04	-7.01E+05	8.25E+05
1/15	172.	-4.66E+04	5.82E+04	-4.63E+04	5.73E+04	-6.97E+05	8.57E+05
1/10	436.	-6.81E+04	7.91E+04	-6.76E+04	7.78E+04	-6.81E+05	7.74E+05

Table R-324. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered ($M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	417.	-1.06E+04	1.11E+04	-1.06E+04	1.11E+04	-6.59E+05	6.39E+05
1/20	3.75E+03	-3.06E+04	3.51E+04	-3.04E+04	3.50E+04	-6.83E+05	6.24E+05
1/15	6.67E+03	-4.00E+04	4.81E+04	-3.98E+04	4.80E+04	-6.96E+05	6.20E+05
1/10	1.50E+04	-5.78E+04	7.69E+04	-5.74E+04	7.66E+04	-7.24E+05	6.16E+05

Table R-325. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered ($M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	421.	-1.04E+04	1.14E+04	-1.03E+04	1.13E+04	-6.45E+05	6.54E+05
1/20	3.81E+03	-2.85E+04	3.78E+04	-2.84E+04	3.76E+04	-6.45E+05	6.76E+05
1/15	6.83E+03	-3.72E+04	5.29E+04	-3.70E+04	5.27E+04	-6.58E+05	6.88E+05
1/10	1.54E+04	-5.35E+04	7.69E+04	-5.37E+04	7.64E+04	-6.91E+05	6.10E+05

Table R-326. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered ($M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-126.	-1.10E+04	1.14E+04	-1.07E+04	1.11E+04	-6.35E+05	6.74E+05
1/20	-2.28E+03	-3.47E+04	3.57E+04	-3.40E+04	3.43E+04	-6.34E+05	7.31E+05
1/15	-5.39E+03	-5.21E+04	4.61E+04	-5.10E+04	4.42E+04	-6.85E+05	7.45E+05
1/10	-5.24E+04	-5.67E+05	7.08E+04	-2.02E+05	4.88E+04	-1.49E+06	1.01E+06

Table R-327. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-328. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-361.	-1.02E+04	1.01E+04	-1.01E+04	1.00E+04	-5.86E+05	6.22E+05
1/20	-3.88E+03	-3.33E+04	2.95E+04	-3.27E+04	2.91E+04	-5.77E+05	6.60E+05
1/15	-8.53E+03	-4.84E+04	3.96E+04	-4.80E+04	3.91E+04	-5.91E+05	7.14E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

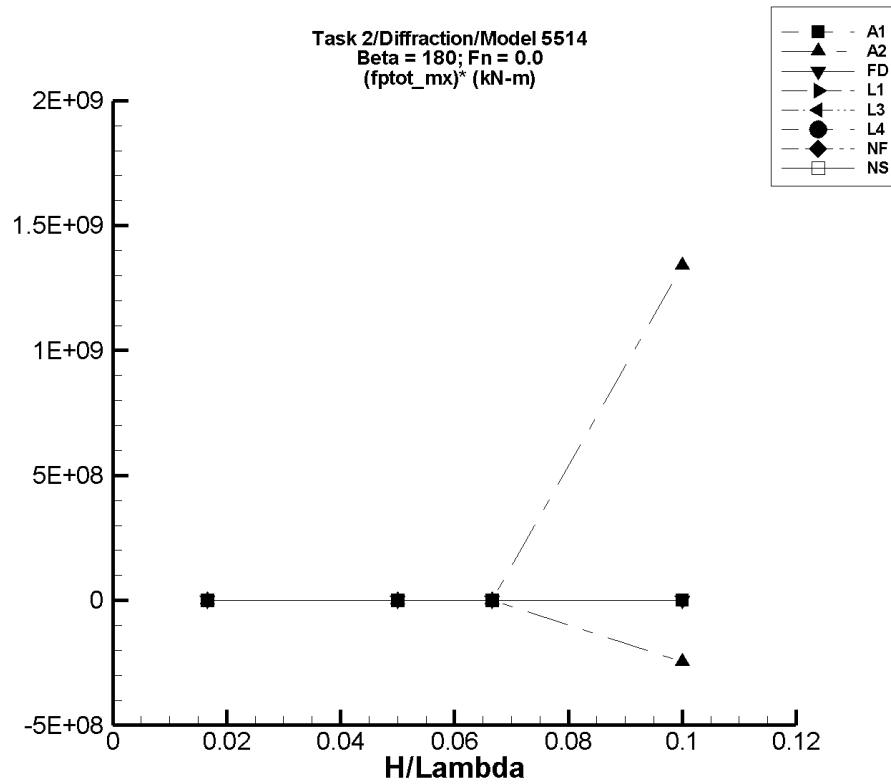


Figure R-42. Minimum and Maximum of $(M_x^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

Table R-329. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-3.71E-03	-1.53	1.55	-1.50	1.54	-90.0	92.3
1/20	-1.11E-02	-4.57	4.65	-4.50	4.59	-89.8	92.1
1/15	-1.48E-02	-6.08	6.19	-5.99	6.11	-89.7	91.9
1/10	-2.22E-02	-9.13	9.29	-9.00	9.18	-89.8	92.1

Table R-330. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-3.68E-03	-1.53	1.55	-1.51	1.54	-90.1	92.4
1/20	-182.	-3.09E+04	4.65	-4.12E+03	357.	-7.88E+04	1.08E+04
1/15	421.	-6.08	3.90E+04	-455.	5.28E+03	-1.31E+04	7.29E+04
1/10	1.20E+07	-3.03E+05	1.09E+09	-1.25E+07	1.46E+08	-2.45E+08	1.34E+09

Table R-331. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	6.02E-05	-5.76E-03	8.37E-03	-1.03E-03	2.12E-03	-6.57E-02	0.124
1/20	5.84E-05	-1.62E-02	2.47E-02	-4.46E-03	6.39E-03	-9.05E-02	0.127
1/15	8.41E-05	-2.21E-02	3.27E-02	-6.60E-03	8.67E-03	-0.100	0.129
1/10	3.18E-04	-3.72E-02	4.89E-02	-8.65E-03	1.28E-02	-8.97E-02	0.125

TASK 2/DIFFRACTION/MODEL 5514

Table R-332. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-333. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-334. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–335. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–336. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	3.64E-04	-9.34E-02	8.86E-02	-5.37E-03	4.89E-03	-0.344	0.272
1/20	-8.67E-05	-0.327	0.346	-1.55E-02	1.12E-02	-0.309	0.226
1/15	1.14E-03	-0.378	0.355	-1.96E-02	2.62E-02	-0.312	0.376
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

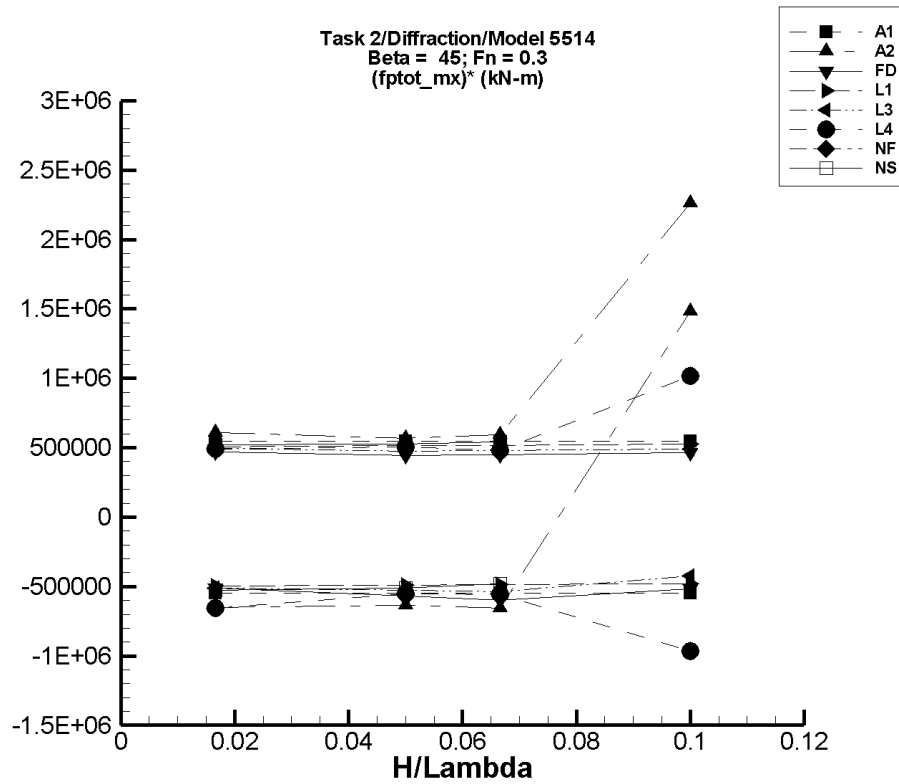


Figure R-43. Minimum and Maximum of $(M_x^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

Table R-337. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	6.39	-9.18E+03	9.18E+03	-9.15E+03	9.15E+03	-5.50E+05	5.49E+05
1/20	19.1	-2.75E+04	2.75E+04	-2.74E+04	2.74E+04	-5.48E+05	5.47E+05
1/15	25.4	-3.66E+04	3.66E+04	-3.65E+04	3.65E+04	-5.47E+05	5.46E+05
1/10	38.2	-5.49E+04	5.49E+04	-5.48E+04	5.48E+04	-5.48E+05	5.47E+05

Table R-338. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	3.04	-1.09E+04	1.02E+04	-1.08E+04	1.02E+04	-6.50E+05	6.11E+05
1/20	-143.	-3.20E+04	2.84E+04	-3.18E+04	2.84E+04	-6.34E+05	5.70E+05
1/15	-86.3	-4.49E+04	3.97E+04	-4.37E+04	3.95E+04	-6.54E+05	5.94E+05
1/10	-1.50E+05	-974.	8.38E+04	-1.73E+03	7.61E+04	1.48E+06	2.26E+06

Table R-339. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	1.81	-8.54E+03	7.86E+03	-8.51E+03	7.85E+03	-5.11E+05	4.71E+05
1/20	-21.4	-2.84E+04	2.23E+04	-2.83E+04	2.23E+04	-5.66E+05	4.46E+05
1/15	-101.	-4.03E+04	2.98E+04	-4.01E+04	2.97E+04	-6.00E+05	4.47E+05
1/10	-326.	-5.25E+04	4.61E+04	-5.22E+04	4.60E+04	-5.19E+05	4.63E+05

Table R-340. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	656.	-7.65E+03	9.09E+03	-7.64E+03	9.08E+03	-4.98E+05	5.06E+05
1/20	5.90E+03	-1.86E+04	3.16E+04	-1.86E+04	3.16E+04	-4.90E+05	5.14E+05
1/15	1.05E+04	-2.19E+04	4.50E+04	-2.19E+04	4.50E+04	-4.86E+05	5.18E+05
1/10	2.36E+04	-2.42E+04	7.62E+04	-2.42E+04	7.62E+04	-4.78E+05	5.26E+05

Table R-341. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	651.	-7.86E+03	8.88E+03	-7.85E+03	8.88E+03	-5.10E+05	4.94E+05
1/20	5.84E+03	-2.06E+04	2.97E+04	-2.06E+04	2.97E+04	-5.29E+05	4.77E+05
1/15	1.04E+04	-2.55E+04	4.23E+04	-2.55E+04	4.24E+04	-5.38E+05	4.80E+05
1/10	2.32E+04	-1.94E+04	7.25E+04	-1.93E+04	7.24E+04	-4.25E+05	4.92E+05

Table R-342. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-3.67	-1.11E+04	8.74E+03	-1.10E+04	8.16E+03	-6.58E+05	4.90E+05
1/20	-2.06E+03	-3.00E+04	2.36E+04	-2.97E+04	2.31E+04	-5.53E+05	5.04E+05
1/15	-5.60E+03	-4.32E+04	2.77E+04	-4.27E+04	2.65E+04	-5.56E+05	4.82E+05
1/10	-4.56E+04	-5.12E+05	1.64E+05	-1.42E+05	5.59E+04	-9.67E+05	1.02E+06

Table R–343. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–344. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-360.	-9.21E+03	8.40E+03	-9.11E+03	8.32E+03	-5.25E+05	5.21E+05
1/20	-3.06E+03	-2.89E+04	2.36E+04	-2.87E+04	2.33E+04	-5.12E+05	5.26E+05
1/15	-5.46E+03	-3.75E+04	3.08E+04	-3.73E+04	3.05E+04	-4.78E+05	5.39E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

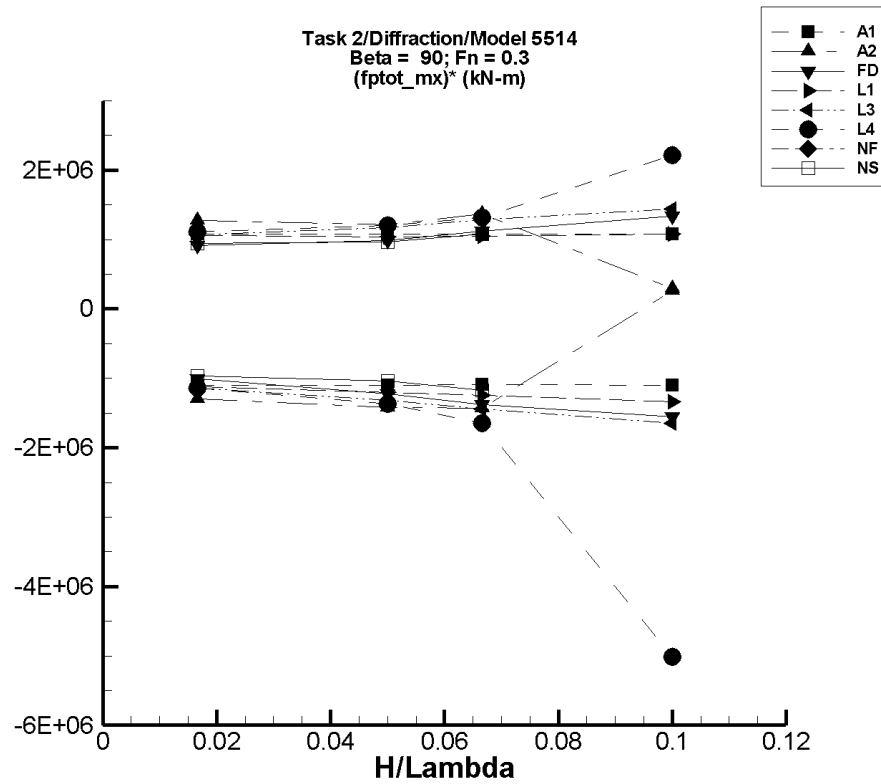


Figure R-44. Minimum and Maximum of $(M_x^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

Table R-345. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	13.3	-1.83E+04	1.83E+04	-1.83E+04	1.80E+04	-1.10E+06	1.08E+06
1/20	39.7	-5.47E+04	5.46E+04	-5.48E+04	5.40E+04	-1.10E+06	1.08E+06
1/15	52.9	-7.28E+04	7.27E+04	-7.29E+04	7.19E+04	-1.09E+06	1.08E+06
1/10	79.5	-1.09E+05	1.09E+05	-1.10E+05	1.08E+05	-1.10E+06	1.08E+06

Table R-346. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-2.03	-2.19E+04	2.16E+04	-2.16E+04	2.13E+04	-1.29E+06	1.28E+06
1/20	-124.	-1.37E+05	6.64E+04	-7.10E+04	6.05E+04	-1.42E+06	1.21E+06
1/15	207.	-9.76E+04	9.38E+04	-9.50E+04	9.11E+04	-1.43E+06	1.36E+06
1/10	-3.14E+03	2.29E+04	2.64E+04	2.29E+04	2.64E+04	2.61E+05	2.95E+05

Table R-347. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	2.31	-1.70E+04	1.53E+04	-1.67E+04	1.51E+04	-1.00E+06	9.08E+05
1/20	84.1	-6.21E+04	4.95E+04	-6.09E+04	4.96E+04	-1.22E+06	9.90E+05
1/15	167.	-9.41E+04	7.41E+04	-9.15E+04	7.46E+04	-1.37E+06	1.12E+06
1/10	27.3	-1.60E+05	1.33E+05	-1.55E+05	1.34E+05	-1.55E+06	1.34E+06

Table R-348. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	635.	-1.81E+04	1.84E+04	-1.81E+04	1.83E+04	-1.12E+06	1.06E+06
1/20	5.64E+03	-5.46E+04	5.78E+04	-5.43E+04	5.76E+04	-1.20E+06	1.04E+06
1/15	1.00E+04	-7.33E+04	7.99E+04	-7.28E+04	7.96E+04	-1.24E+06	1.04E+06
1/10	2.25E+04	-1.12E+05	1.31E+05	-1.11E+05	1.30E+05	-1.33E+06	1.08E+06

Table R-349. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	636.	-1.84E+04	1.85E+04	-1.84E+04	1.85E+04	-1.14E+06	1.07E+06
1/20	5.64E+03	-6.08E+04	6.46E+04	-6.05E+04	6.43E+04	-1.32E+06	1.17E+06
1/15	9.99E+03	-8.69E+04	9.62E+04	-8.63E+04	9.56E+04	-1.44E+06	1.28E+06
1/10	2.22E+04	-1.45E+05	1.67E+05	-1.43E+05	1.66E+05	-1.65E+06	1.44E+06

Table R-350. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-485.	-1.97E+04	1.84E+04	-1.95E+04	1.80E+04	-1.14E+06	1.11E+06
1/20	-6.21E+03	-7.54E+04	5.45E+04	-7.47E+04	5.38E+04	-1.37E+06	1.20E+06
1/15	-1.36E+04	-1.25E+05	7.46E+04	-1.23E+05	7.39E+04	-1.65E+06	1.31E+06
1/10	-4.81E+04	-3.27E+06	4.32E+05	-5.49E+05	1.73E+05	-5.01E+06	2.21E+06

Table R–351. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–352. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-439.	-1.67E+04	1.55E+04	-1.65E+04	1.53E+04	-9.64E+05	9.45E+05
1/20	-4.48E+03	-5.76E+04	4.46E+04	-5.65E+04	4.37E+04	-1.04E+06	9.64E+05
1/15	-9.52E+03	-8.85E+04	6.32E+04	-8.76E+04	6.22E+04	-1.17E+06	1.08E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

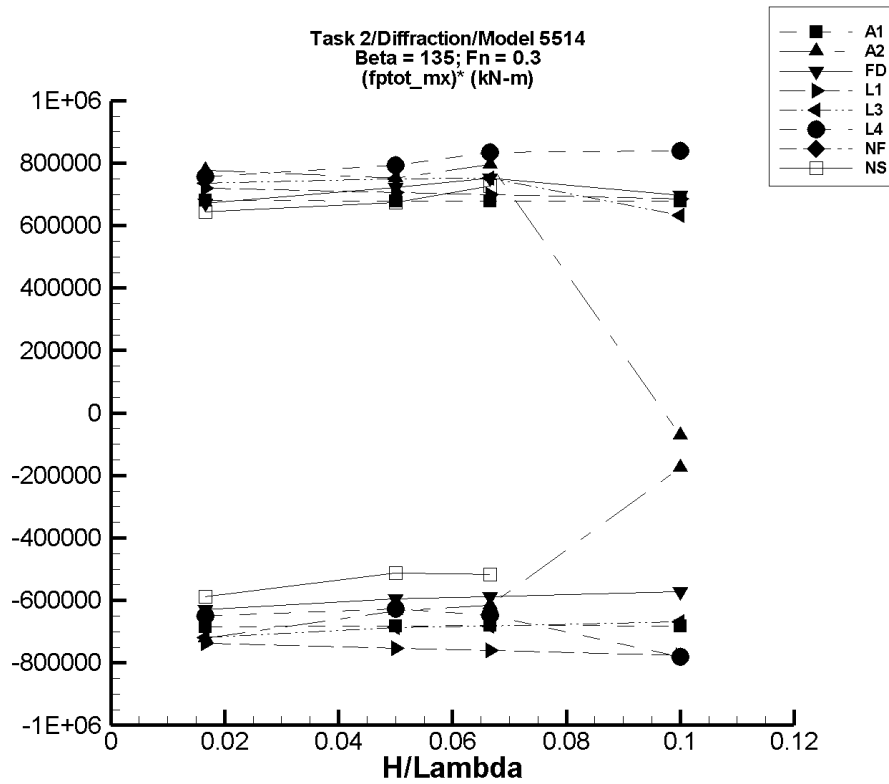


Figure R-45. Minimum and Maximum of $(M_x^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

Table R-353. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Max. (kN-m)
1/60	22.2	-1.19E+04	1.17E+04	-1.14E+04	1.14E+04	-6.84E+05	6.81E+05
1/20	66.3	-3.55E+04	3.49E+04	-3.40E+04	3.40E+04	-6.82E+05	6.79E+05
1/15	88.2	-4.73E+04	4.65E+04	-4.53E+04	4.53E+04	-6.81E+05	6.78E+05
1/10	133.	-7.11E+04	6.98E+04	-6.80E+04	6.80E+04	-6.82E+05	6.79E+05

Table R-354. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Max. (kN-m)
1/60	19.7	-1.25E+04	1.34E+04	-1.20E+04	1.30E+04	-7.21E+05	7.78E+05
1/20	1.37E+03	-3.14E+04	4.02E+04	-3.03E+04	3.90E+04	-6.34E+05	7.52E+05
1/15	-113.	-4.20E+04	5.68E+04	-4.11E+04	5.29E+04	-6.15E+05	7.96E+05
1/10	-1.37E+04	-3.12E+04	-2.10E+04	-3.12E+04	-2.10E+04	-1.75E+05	-7.30E+04

Table R-355. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Max. (kN-m)
1/60	-2.47	-1.07E+04	1.15E+04	-1.05E+04	1.12E+04	-6.30E+05	6.71E+05
1/20	34.6	-3.02E+04	3.74E+04	-2.97E+04	3.61E+04	-5.95E+05	7.22E+05
1/15	141.	-3.98E+04	5.22E+04	-3.90E+04	5.03E+04	-5.88E+05	7.52E+05
1/10	470.	-5.78E+04	7.32E+04	-5.68E+04	7.02E+04	-5.73E+05	6.97E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-356. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	434.	-1.20E+04	1.26E+04	-1.19E+04	1.24E+04	-7.38E+05	7.21E+05
1/20	3.82E+03	-3.42E+04	3.94E+04	-3.38E+04	3.91E+04	-7.53E+05	7.06E+05
1/15	6.76E+03	-4.45E+04	5.37E+04	-4.40E+04	5.33E+04	-7.61E+05	6.98E+05
1/10	1.52E+04	-6.33E+04	8.42E+04	-6.25E+04	8.36E+04	-7.77E+05	6.85E+05

Table R-357. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	437.	-1.16E+04	1.28E+04	-1.15E+04	1.27E+04	-7.18E+05	7.36E+05
1/20	3.86E+03	-3.08E+04	4.17E+04	-3.05E+04	4.14E+04	-6.88E+05	7.50E+05
1/15	6.86E+03	-3.90E+04	5.76E+04	-3.87E+04	5.70E+04	-6.83E+05	7.53E+05
1/10	1.55E+04	-5.18E+04	7.92E+04	-5.14E+04	7.87E+04	-6.69E+05	6.32E+05

Table R-358. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered $(M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-200.	-1.17E+04	1.27E+04	-1.10E+04	1.24E+04	-6.50E+05	7.56E+05
1/20	-4.47E+03	-3.70E+04	3.59E+04	-3.58E+04	3.52E+04	-6.27E+05	7.94E+05
1/15	-9.86E+03	-5.39E+04	4.69E+04	-5.30E+04	4.58E+04	-6.47E+05	8.35E+05
1/10	-3.65E+04	-2.82E+05	5.62E+04	-1.15E+05	4.74E+04	-7.80E+05	8.39E+05

Table R-359. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-360. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-367.	-1.03E+04	1.05E+04	-1.02E+04	1.04E+04	-5.87E+05	6.44E+05
1/20	-4.24E+03	-3.05E+04	3.02E+04	-2.99E+04	2.95E+04	-5.13E+05	6.74E+05
1/15	-9.18E+03	-4.44E+04	4.00E+04	-4.37E+04	3.92E+04	-5.17E+05	7.26E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

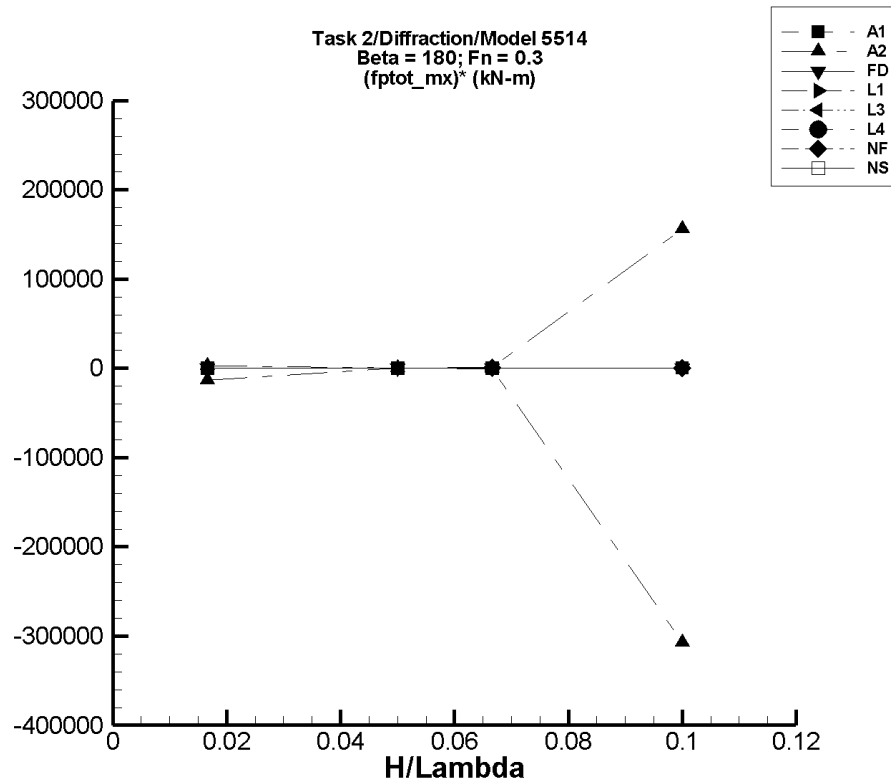


Figure R-46. Minimum and Maximum of $(M_x^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

Table R-361. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered ($M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	1.70E-02	-0.351	0.321	-0.206	0.305	-13.4	17.3
1/20	5.10E-02	-1.05	0.961	-0.616	0.913	-13.3	17.2
1/15	6.79E-02	-1.40	1.28	-0.820	1.22	-13.3	17.2
1/10	0.102	-2.10	1.92	-1.23	1.83	-13.3	17.2

Table R-362. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered ($M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-22.4	-1.84E+03	0.322	-245.	21.3	-1.34E+04	2.62E+03
1/20	5.06E-02	-1.04	0.962	-0.618	0.914	-13.4	17.3
1/15	10.7	-142.	713.	-7.51	76.3	-274.	984.
1/10	-1.06E+04	-3.04E+05	9.96E+03	-4.13E+04	5.02E+03	-3.07E+05	1.56E+05

Table R-363. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{ptot} Max. (kN-m)	Filtered ($M_x^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-7.47E-05	-4.79E-03	6.19E-03	-3.64E-03	4.23E-03	-0.214	0.258
1/20	-3.50E-04	-1.77E-02	1.39E-02	-1.27E-02	1.03E-02	-0.246	0.213
1/15	-3.53E-04	-3.67E-02	1.84E-02	-2.47E-02	1.36E-02	-0.365	0.210
1/10	8.96E-05	-0.212	0.183	-4.51E-02	4.34E-02	-0.452	0.433

Table R-364. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-365. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-366. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–367. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	-2.00	-2.84	-1.27	-2.80	-1.29	-16.0	14.1
1/15	-3.80	-5.17	-2.70	-4.80	-2.73	-15.0	16.1
1/10	-10.3	-20.0	7.23	-18.2	-9.69E-02	-78.6	102.

Table R–368. Minimum and Maximum of M_x^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_x^{ptot}		Filtered M_x^{ptot}		Filtered $(M_x^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-8.30E-05	-1.78E-02	2.46E-02	-2.79E-03	3.59E-03	-0.163	0.220
1/20	-1.51E-03	-6.16E-02	5.84E-02	-1.29E-02	5.44E-03	-0.228	0.139
1/15	-2.18E-03	-0.133	0.131	-2.10E-02	1.29E-02	-0.282	0.227
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

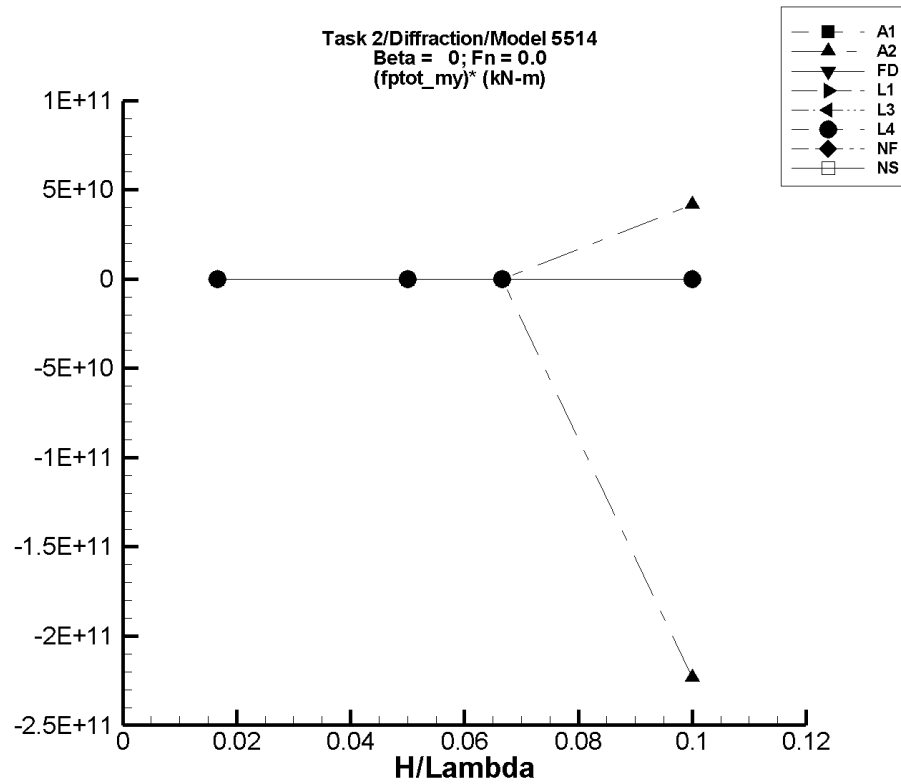


Figure R-47. Minimum and Maximum of $(M_y^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0.

Table R-369. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-48.5	-3.37E+05	3.41E+05	-3.34E+05	3.34E+05	-2.00E+07	2.01E+07
1/20	-145.	-1.01E+06	1.02E+06	-9.98E+05	1.00E+06	-2.00E+07	2.00E+07
1/15	-193.	-1.34E+06	1.36E+06	-1.33E+06	1.33E+06	-1.99E+07	2.00E+07
1/10	-290.	-2.02E+06	2.04E+06	-2.00E+06	2.00E+06	-2.00E+07	2.00E+07

Table R-370. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	5.64E+03	-3.24E+05	3.48E+05	-3.21E+05	3.42E+05	-1.96E+07	2.02E+07
1/20	3.58E+04	-8.07E+05	1.00E+06	-7.93E+05	9.84E+05	-1.66E+07	1.90E+07
1/15	2.66E+04	-1.00E+06	1.29E+06	-9.78E+05	1.18E+06	-1.51E+07	1.73E+07
1/10	-2.07E+09	-1.83E+11	1.67E+06	-2.44E+10	2.09E+09	-2.23E+11	4.16E+10

Table R-371. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.92E+04	-3.58E+05	4.06E+05	-3.58E+05	4.02E+05	-2.26E+07	2.30E+07
1/20	6.59E+04	-9.77E+05	1.21E+06	-9.78E+05	1.19E+06	-2.09E+07	2.26E+07
1/15	8.97E+04	-1.21E+06	1.57E+06	-1.20E+06	1.55E+06	-1.94E+07	2.19E+07
1/10	-1.61E+03	-1.53E+06	1.74E+06	-1.52E+06	1.71E+06	-1.52E+07	1.71E+07

Table R-372. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-2.78E+03	-3.01E+05	2.96E+05	-3.00E+05	2.94E+05	-1.78E+07	1.78E+07
1/20	-2.54E+04	-9.19E+05	8.70E+05	-9.16E+05	8.66E+05	-1.78E+07	1.78E+07
1/15	-4.52E+04	-1.24E+06	1.15E+06	-1.23E+06	1.14E+06	-1.78E+07	1.78E+07
1/10	-1.02E+05	-1.89E+06	1.69E+06	-1.88E+06	1.68E+06	-1.78E+07	1.79E+07

Table R-373. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-2.32E+03	-2.93E+05	2.92E+05	-2.92E+05	2.91E+05	-1.74E+07	1.76E+07
1/20	1.07E+04	-7.52E+05	8.09E+05	-7.44E+05	8.05E+05	-1.51E+07	1.59E+07
1/15	9.06E+03	-8.91E+05	9.72E+05	-8.81E+05	9.68E+05	-1.34E+07	1.44E+07
1/10	-1.13E+05	-9.71E+05	8.05E+05	-9.64E+05	8.00E+05	-8.51E+06	9.13E+06

Table R-374. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	309.	-3.02E+05	2.99E+05	-3.00E+05	2.97E+05	-1.80E+07	1.78E+07
1/20	4.47E+04	-8.89E+05	8.94E+05	-8.71E+05	8.86E+05	-1.83E+07	1.68E+07
1/15	8.43E+04	-1.10E+06	1.16E+06	-1.08E+06	1.15E+06	-1.74E+07	1.60E+07
1/10	9.22E+04	-1.95E+06	1.39E+06	-1.53E+06	1.37E+06	-1.63E+07	1.28E+07

Table R-375. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-376. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-7.87E+03	-3.69E+05	3.58E+05	-3.66E+05	3.54E+05	-2.15E+07	2.17E+07
1/20	-2.30E+05	-1.17E+06	7.06E+05	-1.16E+06	6.96E+05	-1.85E+07	1.85E+07
1/15	-2.46E+05	-1.49E+06	9.88E+05	-1.48E+06	9.80E+05	-1.85E+07	1.84E+07
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

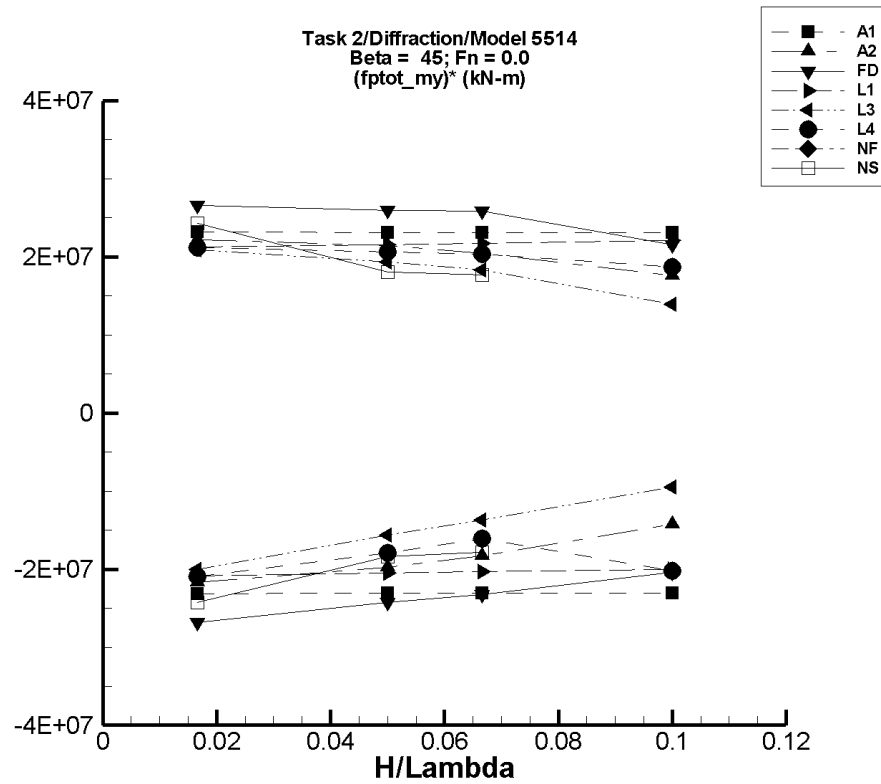


Figure R-48. Minimum and Maximum of $(M_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

Table R-377. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-243.	-3.91E+05	3.90E+05	-3.86E+05	3.86E+05	-2.32E+07	2.32E+07
1/20	-726.	-1.17E+06	1.17E+06	-1.16E+06	1.15E+06	-2.31E+07	2.31E+07
1/15	-967.	-1.56E+06	1.55E+06	-1.54E+06	1.54E+06	-2.31E+07	2.31E+07
1/10	-1.45E+03	-2.34E+06	2.34E+06	-2.31E+06	2.31E+06	-2.31E+07	2.31E+07

Table R-378. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	5.12E+03	-3.60E+05	3.79E+05	-3.56E+05	3.74E+05	-2.17E+07	2.21E+07
1/20	3.41E+04	-9.61E+05	1.12E+06	-9.52E+05	1.11E+06	-1.97E+07	2.15E+07
1/15	1.99E+04	-1.21E+06	1.45E+06	-1.20E+06	1.38E+06	-1.83E+07	2.04E+07
1/10	-3.85E+04	-2.85E+06	2.07E+06	-1.46E+06	1.72E+06	-1.43E+07	1.76E+07

Table R-379. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.93E+04	-4.23E+05	4.67E+05	-4.27E+05	4.62E+05	-2.68E+07	2.65E+07
1/20	6.56E+04	-1.13E+06	1.38E+06	-1.15E+06	1.36E+06	-2.42E+07	2.60E+07
1/15	8.68E+04	-1.45E+06	1.83E+06	-1.46E+06	1.81E+06	-2.33E+07	2.58E+07
1/10	-1.88E+03	-2.03E+06	2.18E+06	-2.05E+06	2.15E+06	-2.04E+07	2.15E+07

Table R-380. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.52E+03	-3.50E+05	3.54E+05	-3.49E+05	3.52E+05	-2.08E+07	2.12E+07
1/20	-1.16E+04	-1.04E+06	1.07E+06	-1.04E+06	1.07E+06	-2.05E+07	2.16E+07
1/15	-2.02E+04	-1.38E+06	1.44E+06	-1.38E+06	1.43E+06	-2.03E+07	2.17E+07
1/10	-4.43E+04	-2.05E+06	2.17E+06	-2.05E+06	2.16E+06	-2.00E+07	2.21E+07

Table R-381. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.02E+03	-3.37E+05	3.49E+05	-3.36E+05	3.48E+05	-2.01E+07	2.09E+07
1/20	2.59E+04	-7.59E+05	9.96E+05	-7.57E+05	9.92E+05	-1.57E+07	1.93E+07
1/15	3.60E+04	-8.79E+05	1.27E+06	-8.78E+05	1.26E+06	-1.37E+07	1.84E+07
1/10	-4.90E+04	-1.00E+06	1.35E+06	-1.00E+06	1.35E+06	-9.51E+06	1.39E+07

Table R-382. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	2.49E+03	-3.50E+05	3.58E+05	-3.47E+05	3.56E+05	-2.10E+07	2.12E+07
1/20	6.88E+04	-8.32E+05	1.11E+06	-8.26E+05	1.10E+06	-1.79E+07	2.06E+07
1/15	1.26E+05	-9.51E+05	1.50E+06	-9.48E+05	1.48E+06	-1.61E+07	2.03E+07
1/10	6.90E+04	-3.06E+06	1.98E+06	-1.95E+06	1.94E+06	-2.02E+07	1.87E+07

Table R–383. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–384. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-7.23E+03	-4.16E+05	4.01E+05	-4.12E+05	3.97E+05	-2.43E+07	2.43E+07
1/20	-2.19E+05	-1.15E+06	6.96E+05	-1.14E+06	6.83E+05	-1.83E+07	1.80E+07
1/15	-2.26E+05	-1.42E+06	9.61E+05	-1.41E+06	9.50E+05	-1.78E+07	1.76E+07
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

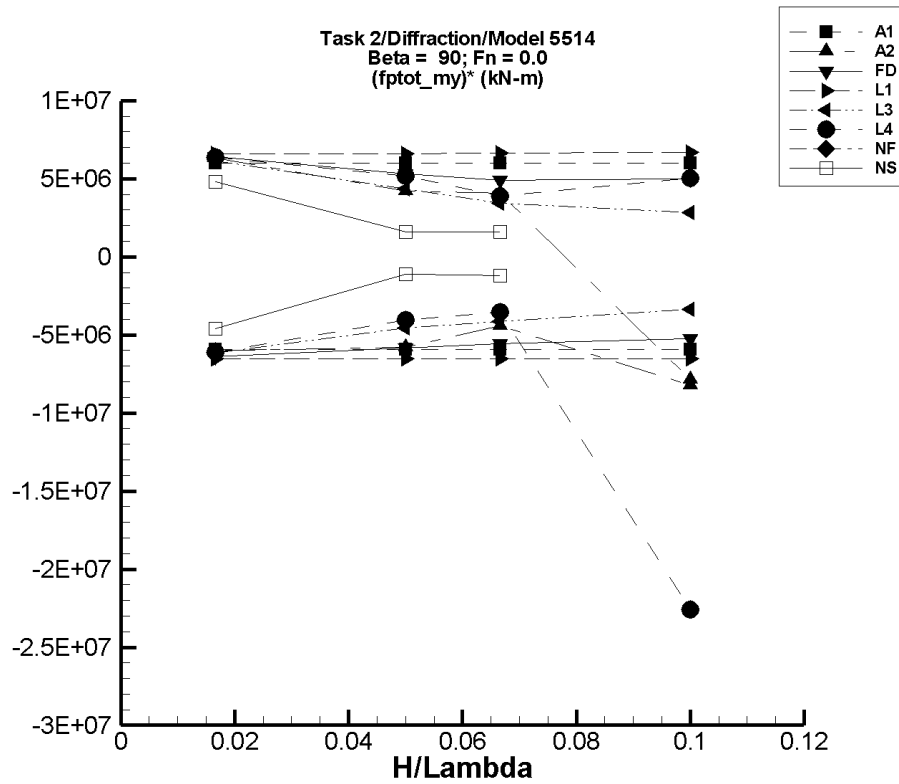


Figure R-49. Minimum and Maximum of $(M_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

Table R-385. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-369.	-1.01E+05	1.01E+05	-9.95E+04	9.99E+04	-5.95E+06	6.02E+06
1/20	-1.10E+03	-3.01E+05	3.01E+05	-2.98E+05	2.99E+05	-5.93E+06	6.00E+06
1/15	-1.47E+03	-4.01E+05	4.01E+05	-3.97E+05	3.98E+05	-5.93E+06	5.99E+06
1/10	-2.21E+03	-6.02E+05	6.02E+05	-5.96E+05	5.98E+05	-5.93E+06	6.00E+06

Table R-386. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	5.23E+03	-9.63E+04	1.10E+05	-9.51E+04	1.11E+05	-6.02E+06	6.32E+06
1/20	2.48E+04	-3.60E+05	5.32E+05	-2.65E+05	2.36E+05	-5.80E+06	4.22E+06
1/15	2.42E+04	-4.48E+05	3.12E+05	-2.71E+05	2.96E+05	-4.43E+06	4.08E+06
1/10	-1.90E+05	-1.01E+06	-9.78E+05	-1.01E+06	-9.78E+05	-8.21E+06	-7.88E+06

Table R-387. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.93E+04	-8.85E+04	1.27E+05	-8.72E+04	1.26E+05	-6.39E+06	6.42E+06
1/20	6.65E+04	-2.34E+05	3.36E+05	-2.26E+05	3.33E+05	-5.85E+06	5.32E+06
1/15	9.12E+04	-2.92E+05	4.26E+05	-2.80E+05	4.18E+05	-5.56E+06	4.90E+06
1/10	1.09E+04	-5.39E+05	5.36E+05	-5.13E+05	5.08E+05	-5.24E+06	4.97E+06

Table R-388. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-886.	-1.10E+05	1.09E+05	-1.10E+05	1.09E+05	-6.55E+06	6.58E+06
1/20	-7.55E+03	-3.35E+05	3.24E+05	-3.34E+05	3.23E+05	-6.53E+06	6.61E+06
1/15	-1.33E+04	-4.50E+05	4.31E+05	-4.48E+05	4.29E+05	-6.53E+06	6.63E+06
1/10	-2.98E+04	-6.84E+05	6.41E+05	-6.82E+05	6.38E+05	-6.52E+06	6.68E+06

Table R-389. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-338.	-1.04E+05	1.03E+05	-1.03E+05	1.02E+05	-6.17E+06	6.15E+06
1/20	3.10E+04	-2.00E+05	2.48E+05	-1.97E+05	2.47E+05	-4.57E+06	4.33E+06
1/15	4.56E+04	-2.36E+05	2.76E+05	-2.31E+05	2.74E+05	-4.15E+06	3.43E+06
1/10	-2.77E+04	-3.70E+05	2.61E+05	-3.64E+05	2.54E+05	-3.36E+06	2.81E+06

Table R–390. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.99E+03	-1.04E+05	1.04E+05	-1.04E+05	1.04E+05	-6.11E+06	6.35E+06
1/20	1.95E+04	-2.01E+05	2.87E+05	-1.83E+05	2.78E+05	-4.04E+06	5.17E+06
1/15	3.38E+04	-2.25E+05	3.19E+05	-2.01E+05	2.92E+05	-3.52E+06	3.88E+06
1/10	-2.28E+05	-7.18E+06	1.60E+06	-2.49E+06	2.75E+05	-2.26E+07	5.04E+06

Table R–391. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–392. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.30E+03	-8.40E+04	7.47E+04	-8.30E+04	7.35E+04	-4.60E+06	4.79E+06
1/20	-2.07E+05	-2.73E+05	-1.24E+05	-2.62E+05	-1.27E+05	-1.09E+06	1.60E+06
1/15	-2.06E+05	-3.01E+05	-9.13E+04	-2.85E+05	-9.88E+04	-1.19E+06	1.60E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

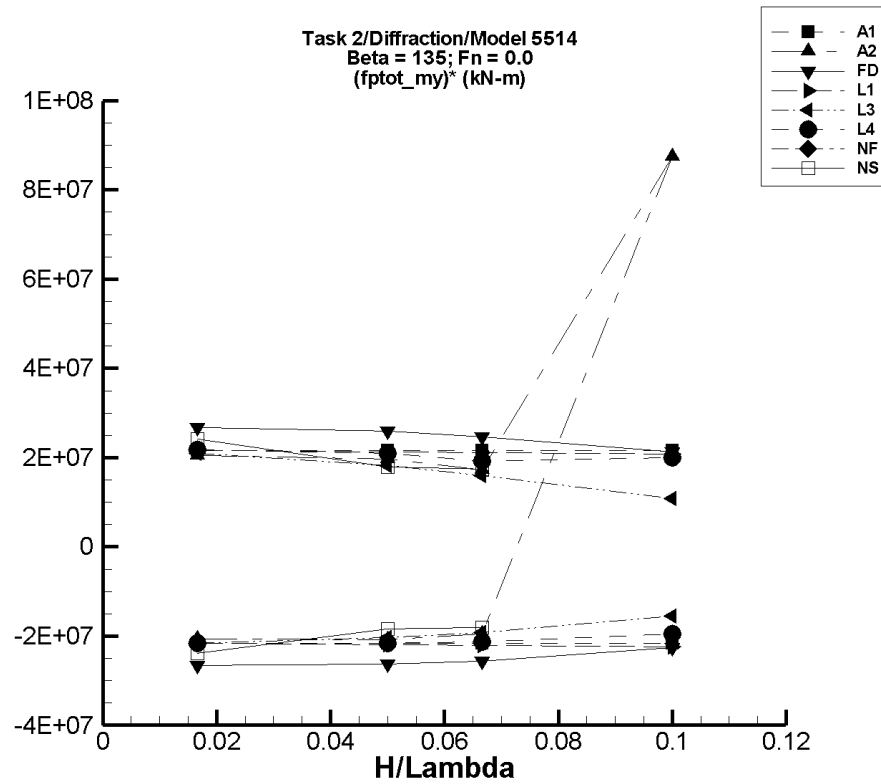


Figure R-50. Minimum and Maximum of $(M_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

Table R-393. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	9.38	-3.65E+05	3.64E+05	-3.61E+05	3.60E+05	-2.17E+07	2.16E+07
1/20	28.1	-1.09E+06	1.09E+06	-1.08E+06	1.08E+06	-2.16E+07	2.16E+07
1/15	37.2	-1.45E+06	1.45E+06	-1.44E+06	1.43E+06	-2.16E+07	2.15E+07
1/10	56.1	-2.18E+06	2.18E+06	-2.16E+06	2.16E+06	-2.16E+07	2.16E+07

Table R-394. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	5.55E+03	-3.42E+05	3.52E+05	-3.38E+05	3.48E+05	-2.06E+07	2.05E+07
1/20	3.50E+04	-1.18E+06	1.03E+06	-1.00E+06	1.02E+06	-2.08E+07	1.97E+07
1/15	3.00E+04	-1.30E+06	1.19E+06	-1.27E+06	1.18E+06	-1.95E+07	1.72E+07
1/10	-1.05E+07	-1.78E+06	-1.78E+06	-1.78E+06	-1.78E+06	8.74E+07	8.75E+07

TASK 2/DIFFRACTION/MODEL 5514

Table R-395. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.93E+04	-4.28E+05	4.65E+05	-4.23E+05	4.66E+05	-2.65E+07	2.68E+07
1/20	6.65E+04	-1.26E+06	1.36E+06	-1.24E+06	1.36E+06	-2.62E+07	2.59E+07
1/15	8.95E+04	-1.65E+06	1.72E+06	-1.62E+06	1.73E+06	-2.57E+07	2.46E+07
1/10	3.17E+03	-2.28E+06	2.14E+06	-2.26E+06	2.13E+06	-2.26E+07	2.13E+07

Table R-396. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.16E+03	-3.64E+05	3.56E+05	-3.63E+05	3.58E+05	-2.17E+07	2.15E+07
1/20	-9.44E+03	-1.11E+06	1.05E+06	-1.11E+06	1.05E+06	-2.20E+07	2.12E+07
1/15	-1.66E+04	-1.50E+06	1.39E+06	-1.49E+06	1.39E+06	-2.21E+07	2.10E+07
1/10	-3.68E+04	-2.29E+06	2.05E+06	-2.28E+06	2.04E+06	-2.24E+07	2.08E+07

Table R-397. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-616.	-3.62E+05	3.47E+05	-3.60E+05	3.48E+05	-2.16E+07	2.09E+07
1/20	2.84E+04	-9.91E+05	9.39E+05	-9.85E+05	9.38E+05	-2.03E+07	1.82E+07
1/15	3.99E+04	-1.24E+06	1.11E+06	-1.24E+06	1.10E+06	-1.91E+07	1.60E+07
1/10	-4.09E+04	-1.59E+06	1.05E+06	-1.59E+06	1.04E+06	-1.55E+07	1.08E+07

TASK 2/DIFFRACTION/MODEL 5514

Table R-398. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{ptot} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{ptot})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.63E+03	-3.69E+05	3.58E+05	-3.66E+05	3.56E+05	-2.16E+07	2.18E+07
1/20	-3.98E+04	-1.14E+06	1.01E+06	-1.12E+06	1.01E+06	-2.17E+07	2.10E+07
1/15	-7.55E+04	-1.51E+06	1.20E+06	-1.49E+06	1.21E+06	-2.13E+07	1.92E+07
1/10	-2.66E+05	-2.49E+06	2.26E+06	-2.22E+06	1.74E+06	-1.96E+07	2.01E+07

Table R-399. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{ptot} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{ptot})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-400. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{ptot} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{ptot})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-5.71E+03	-4.09E+05	4.01E+05	-4.05E+05	3.96E+05	-2.39E+07	2.41E+07
1/20	-2.16E+05	-1.14E+06	6.92E+05	-1.13E+06	6.82E+05	-1.84E+07	1.80E+07
1/15	-2.23E+05	-1.44E+06	9.47E+05	-1.43E+06	9.38E+05	-1.80E+07	1.74E+07
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

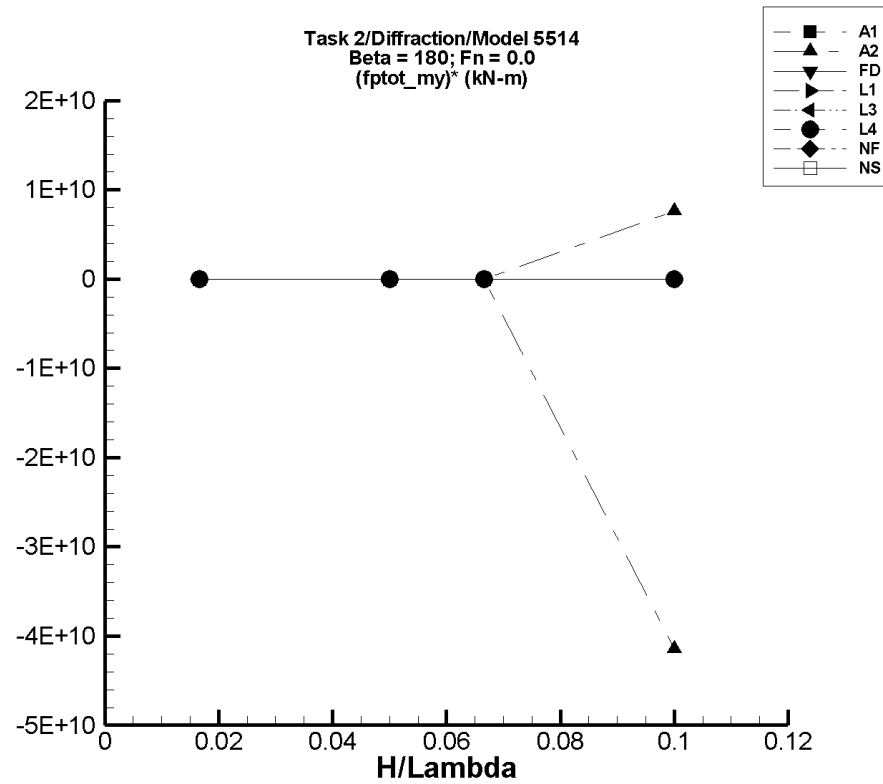


Figure R-51. Minimum and Maximum of $(M_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-401. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	80.4	-3.15E+05	3.14E+05	-3.11E+05	3.11E+05	-1.87E+07	1.86E+07
1/20	241.	-9.42E+05	9.40E+05	-9.32E+05	9.29E+05	-1.86E+07	1.86E+07
1/15	320.	-1.25E+06	1.25E+06	-1.24E+06	1.24E+06	-1.86E+07	1.86E+07
1/10	481.	-1.88E+06	1.88E+06	-1.86E+06	1.86E+06	-1.86E+07	1.86E+07

Table R-402. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	5.80E+03	-2.99E+05	3.00E+05	-2.96E+05	2.97E+05	-1.81E+07	1.75E+07
1/20	3.38E+04	-9.72E+05	8.46E+05	-9.51E+05	8.39E+05	-1.97E+07	1.61E+07
1/15	2.61E+04	-1.28E+06	1.01E+06	-1.26E+06	1.00E+06	-1.93E+07	1.47E+07
1/10	-3.73E+08	-3.39E+10	2.27E+06	-4.52E+09	3.87E+08	-4.15E+10	7.59E+09

Table R-403. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.92E+04	-3.93E+05	4.21E+05	-3.88E+05	4.16E+05	-2.44E+07	2.38E+07
1/20	6.46E+04	-1.24E+06	1.22E+06	-1.22E+06	1.21E+06	-2.58E+07	2.28E+07
1/15	8.90E+04	-1.68E+06	1.57E+06	-1.66E+06	1.56E+06	-2.62E+07	2.20E+07
1/10	-553.	-2.45E+06	1.97E+06	-2.41E+06	1.99E+06	-2.41E+07	1.99E+07

Table R-404. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-153.	-3.13E+05	3.11E+05	-3.12E+05	3.10E+05	-1.87E+07	1.86E+07
1/20	-1.64E+03	-9.43E+05	9.28E+05	-9.40E+05	9.24E+05	-1.88E+07	1.85E+07
1/15	-2.97E+03	-1.26E+06	1.23E+06	-1.26E+06	1.23E+06	-1.88E+07	1.85E+07
1/10	-6.81E+03	-1.90E+06	1.84E+06	-1.89E+06	1.84E+06	-1.89E+07	1.84E+07

Table R-405. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	254.	-3.12E+05	3.05E+05	-3.11E+05	3.04E+05	-1.87E+07	1.82E+07
1/20	3.41E+04	-9.06E+05	8.51E+05	-9.01E+05	8.48E+05	-1.87E+07	1.63E+07
1/15	5.15E+04	-1.16E+06	1.02E+06	-1.15E+06	1.02E+06	-1.80E+07	1.45E+07
1/10	-1.53E+04	-1.49E+06	1.06E+06	-1.48E+06	1.06E+06	-1.47E+07	1.08E+07

Table R-406. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-7.02E+03	-3.18E+05	3.11E+05	-3.16E+05	3.09E+05	-1.85E+07	1.90E+07
1/20	-3.99E+04	-9.87E+05	9.18E+05	-9.63E+05	8.81E+05	-1.85E+07	1.84E+07
1/15	-6.95E+04	-1.30E+06	1.14E+06	-1.28E+06	1.09E+06	-1.82E+07	1.74E+07
1/10	-2.15E+05	-2.53E+06	1.63E+06	-1.84E+06	1.40E+06	-1.63E+07	1.61E+07

Table R-407. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-408. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.61E+03	-3.90E+05	3.77E+05	-3.86E+05	3.73E+05	-2.28E+07	2.28E+07
1/20	-2.28E+05	-1.19E+06	7.45E+05	-1.18E+06	7.35E+05	-1.90E+07	1.93E+07
1/15	-2.45E+05	-1.49E+06	1.03E+06	-1.49E+06	1.02E+06	-1.86E+07	1.90E+07
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

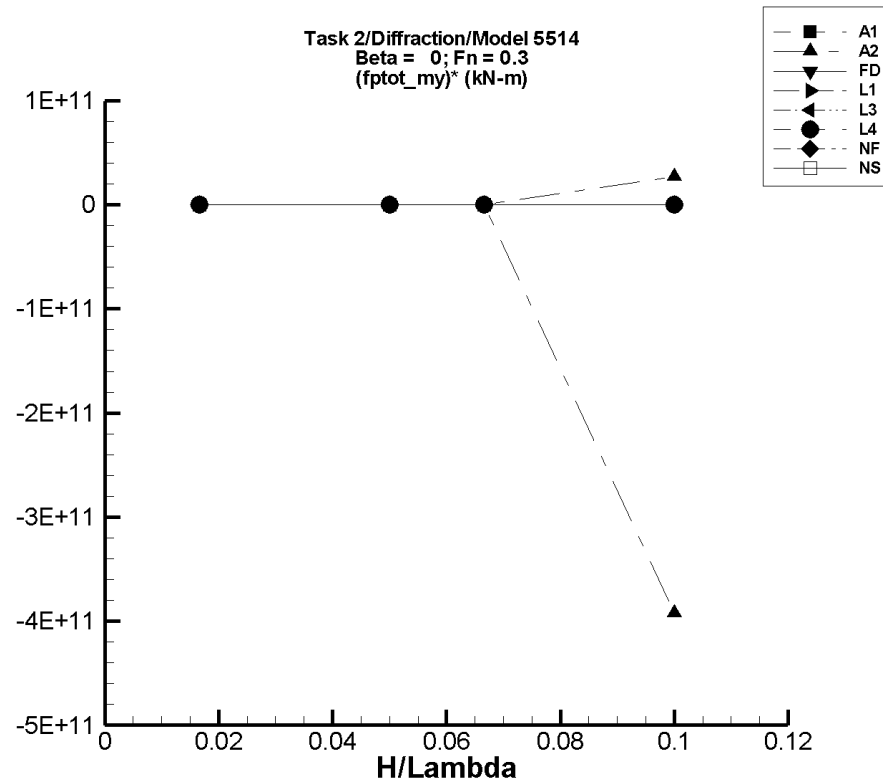


Figure R-52. Minimum and Maximum of $(M_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-409. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	224.	-2.18E+05	2.22E+05	-2.17E+05	2.18E+05	-1.31E+07	1.31E+07
1/20	669.	-6.51E+05	6.64E+05	-6.51E+05	6.53E+05	-1.30E+07	1.30E+07
1/15	891.	-8.67E+05	8.83E+05	-8.66E+05	8.70E+05	-1.30E+07	1.30E+07
1/10	1.34E+03	-1.30E+06	1.33E+06	-1.30E+06	1.31E+06	-1.30E+07	1.30E+07

Table R-410. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	5.92E+03	-2.09E+05	2.28E+05	-2.09E+05	2.24E+05	-1.29E+07	1.31E+07
1/20	3.27E+04	-8.80E+05	6.75E+05	-6.81E+05	6.59E+05	-1.43E+07	1.25E+07
1/15	2.44E+04	-8.73E+05	7.19E+05	-8.52E+05	6.83E+05	-1.31E+07	9.87E+06
1/10	-9.77E+08	-1.59E+11	2.03E+06	-4.02E+10	1.74E+09	-3.92E+11	2.72E+10

Table R-411. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.99E+04	-2.87E+05	3.31E+05	-2.87E+05	3.30E+05	-1.84E+07	1.86E+07
1/20	6.66E+04	-8.42E+05	9.77E+05	-8.41E+05	9.76E+05	-1.81E+07	1.82E+07
1/15	9.09E+04	-1.08E+06	1.25E+06	-1.08E+06	1.25E+06	-1.75E+07	1.74E+07
1/10	-604.	-1.40E+06	1.28E+06	-1.40E+06	1.28E+06	-1.40E+07	1.28E+07

Table R-412. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.46E+04	-2.17E+05	3.06E+05	-2.17E+05	3.06E+05	-1.57E+07	1.57E+07
1/20	5.09E+04	-7.32E+05	8.36E+05	-7.32E+05	8.35E+05	-1.57E+07	1.57E+07
1/15	5.60E+04	-9.87E+05	1.10E+06	-9.86E+05	1.10E+06	-1.56E+07	1.57E+07
1/10	7.04E+04	-1.49E+06	1.64E+06	-1.49E+06	1.64E+06	-1.56E+07	1.57E+07

Table R-413. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.49E+04	-2.11E+05	3.03E+05	-2.11E+05	3.02E+05	-1.54E+07	1.55E+07
1/20	8.65E+04	-5.95E+05	7.75E+05	-5.95E+05	7.75E+05	-1.36E+07	1.38E+07
1/15	1.10E+05	-6.99E+05	9.24E+05	-6.98E+05	9.23E+05	-1.21E+07	1.22E+07
1/10	5.89E+04	-6.90E+05	7.62E+05	-6.90E+05	7.61E+05	-7.49E+06	7.02E+06

Table R-414. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	3.63E+04	-2.74E+05	4.93E+05	-2.65E+05	4.81E+05	-1.81E+07	2.67E+07
1/20	1.51E+04	-1.07E+06	9.18E+05	-1.04E+06	9.10E+05	-2.12E+07	1.79E+07
1/15	1.09E+04	-1.39E+06	1.10E+06	-1.35E+06	1.09E+06	-2.04E+07	1.62E+07
1/10	-3.68E+04	-2.47E+06	1.30E+06	-2.02E+06	1.27E+06	-1.98E+07	1.30E+07

Table R-415. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-416. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	2.12E+04	-2.30E+05	2.72E+05	-2.23E+05	2.69E+05	-1.47E+07	1.49E+07
1/20	-1.56E+05	-7.80E+05	5.40E+05	-7.74E+05	5.32E+05	-1.23E+07	1.38E+07
1/15	-1.73E+05	-1.00E+06	7.58E+05	-9.98E+05	7.53E+05	-1.24E+07	1.39E+07
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

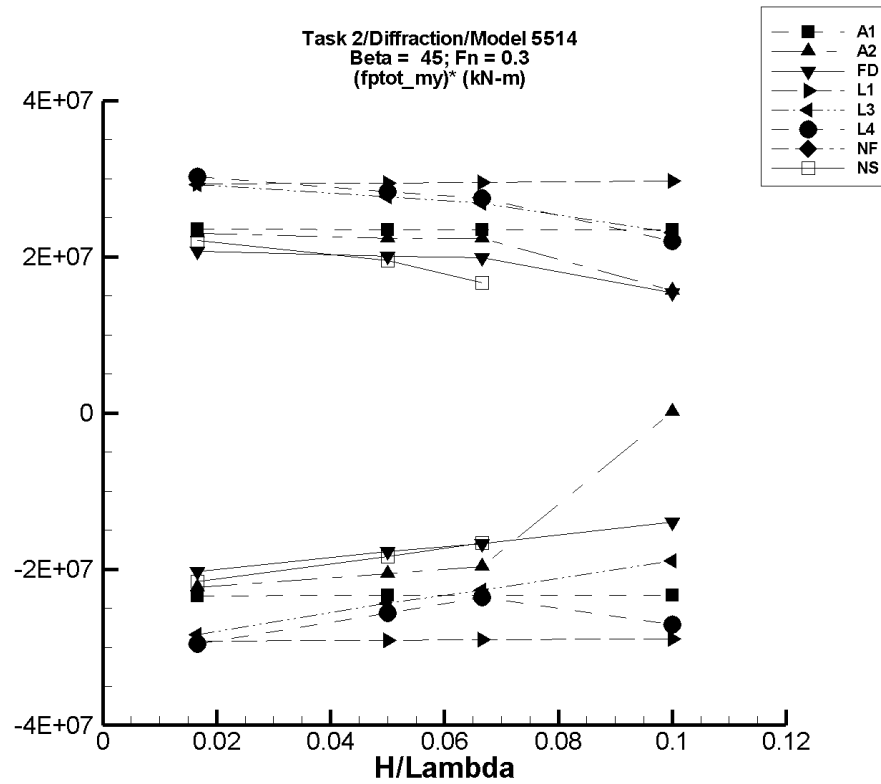


Figure R-53. Minimum and Maximum of $(M_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

Table R-417. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.00E+03	-3.90E+05	3.94E+05	-3.89E+05	3.93E+05	-2.34E+07	2.35E+07
1/20	3.00E+03	-1.17E+06	1.18E+06	-1.16E+06	1.18E+06	-2.34E+07	2.35E+07
1/15	3.99E+03	-1.55E+06	1.57E+06	-1.55E+06	1.57E+06	-2.33E+07	2.34E+07
1/10	5.99E+03	-2.33E+06	2.36E+06	-2.33E+06	2.35E+06	-2.34E+07	2.35E+07

Table R-418. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	6.51E+03	-3.67E+05	3.90E+05	-3.66E+05	3.89E+05	-2.24E+07	2.30E+07
1/20	3.82E+04	-9.94E+05	1.16E+06	-9.92E+05	1.15E+06	-2.06E+07	2.23E+07
1/15	1.78E+04	-1.29E+06	1.54E+06	-1.29E+06	1.51E+06	-1.96E+07	2.23E+07
1/10	-1.72E+06	-1.87E+06	-1.42E+05	-1.70E+06	-1.55E+05	1.86E+05	1.57E+07

TASK 2/DIFFRACTION/MODEL 5514

Table R-419. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.89E+04	-3.20E+05	3.64E+05	-3.19E+05	3.63E+05	-2.03E+07	2.07E+07
1/20	6.50E+04	-8.23E+05	1.07E+06	-8.22E+05	1.07E+06	-1.77E+07	2.01E+07
1/15	8.64E+04	-1.03E+06	1.42E+06	-1.03E+06	1.41E+06	-1.68E+07	1.99E+07
1/10	-707.	-1.41E+06	1.54E+06	-1.40E+06	1.54E+06	-1.40E+07	1.54E+07

Table R-420. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.14E+04	-4.46E+05	5.30E+05	-4.46E+05	5.30E+05	-2.92E+07	2.93E+07
1/20	2.38E+04	-1.43E+06	1.50E+06	-1.43E+06	1.50E+06	-2.91E+07	2.95E+07
1/15	8.54E+03	-1.93E+06	1.98E+06	-1.93E+06	1.98E+06	-2.90E+07	2.95E+07
1/10	-3.51E+04	-2.93E+06	2.93E+06	-2.93E+06	2.93E+06	-2.89E+07	2.97E+07

Table R-421. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.19E+04	-4.32E+05	5.30E+05	-4.32E+05	5.29E+05	-2.84E+07	2.92E+07
1/20	6.12E+04	-1.16E+06	1.45E+06	-1.16E+06	1.45E+06	-2.43E+07	2.77E+07
1/15	6.38E+04	-1.45E+06	1.86E+06	-1.45E+06	1.85E+06	-2.27E+07	2.69E+07
1/10	-4.17E+04	-1.94E+06	2.27E+06	-1.94E+06	2.27E+06	-1.90E+07	2.31E+07

TASK 2/DIFFRACTION/MODEL 5514

Table R-422. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{ptot} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{ptot})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	3.52E+04	-4.62E+05	5.41E+05	-4.58E+05	5.39E+05	-2.96E+07	3.02E+07
1/20	5.87E+04	-1.23E+06	1.48E+06	-1.22E+06	1.48E+06	-2.56E+07	2.84E+07
1/15	8.85E+04	-1.50E+06	1.92E+06	-1.48E+06	1.92E+06	-2.36E+07	2.75E+07
1/10	7.71E+04	-4.80E+06	2.28E+06	-2.63E+06	2.28E+06	-2.71E+07	2.20E+07

Table R-423. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{ptot} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{ptot})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-424. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{ptot} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{ptot})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	2.01E+04	-3.44E+05	3.92E+05	-3.40E+05	3.89E+05	-2.16E+07	2.21E+07
1/20	-5.87E+04	-9.83E+05	9.28E+05	-9.77E+05	9.17E+05	-1.84E+07	1.95E+07
1/15	-1.66E+05	-1.28E+06	9.53E+05	-1.28E+06	9.48E+05	-1.67E+07	1.67E+07
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

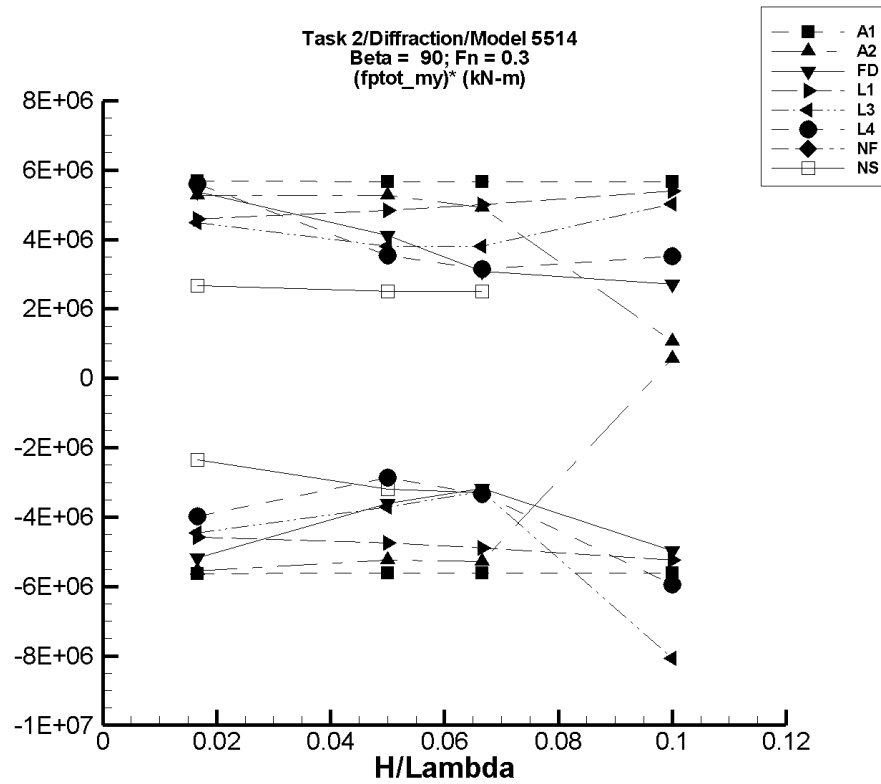


Figure R-54. Minimum and Maximum of $(M_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

Table R-425. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	432.	-9.49E+04	9.63E+04	-9.35E+04	9.51E+04	-5.64E+06	5.68E+06
1/20	1.29E+03	-2.84E+05	2.88E+05	-2.80E+05	2.84E+05	-5.62E+06	5.66E+06
1/15	1.72E+03	-3.78E+05	3.84E+05	-3.72E+05	3.79E+05	-5.61E+06	5.65E+06
1/10	2.58E+03	-5.68E+05	5.76E+05	-5.59E+05	5.69E+05	-5.62E+06	5.66E+06

Table R-426. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	6.02E+03	-8.81E+04	9.53E+04	-8.65E+04	9.39E+04	-5.55E+06	5.27E+06
1/20	2.72E+04	-3.18E+05	6.09E+05	-2.34E+05	2.90E+05	-5.23E+06	5.26E+06
1/15	2.74E+04	-6.41E+05	3.62E+05	-3.24E+05	3.55E+05	-5.28E+06	4.92E+06
1/10	-1.47E+06	-1.41E+06	-1.37E+06	-1.41E+06	-1.37E+06	5.70E+05	1.06E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R-427. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.93E+04	-6.80E+04	1.10E+05	-6.72E+04	1.09E+05	-5.19E+06	5.37E+06
1/20	6.65E+04	-1.19E+05	2.74E+05	-1.14E+05	2.72E+05	-3.60E+06	4.11E+06
1/15	9.12E+04	-1.30E+05	3.04E+05	-1.20E+05	2.97E+05	-3.17E+06	3.08E+06
1/10	1.09E+04	-5.13E+05	2.89E+05	-4.87E+05	2.81E+05	-4.98E+06	2.70E+06

Table R-428. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.08E+04	-3.57E+04	1.18E+05	-3.54E+04	1.17E+05	-4.57E+06	4.59E+06
1/20	1.91E+04	-2.19E+05	2.62E+05	-2.18E+05	2.61E+05	-4.74E+06	4.83E+06
1/15	60.2	-3.28E+05	3.35E+05	-3.26E+05	3.34E+05	-4.89E+06	5.00E+06
1/10	-5.42E+04	-5.83E+05	4.88E+05	-5.79E+05	4.85E+05	-5.25E+06	5.39E+06

Table R-429. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.14E+04	-3.34E+04	1.16E+05	-3.30E+04	1.16E+05	-4.46E+06	4.49E+06
1/20	5.76E+04	-1.31E+05	2.49E+05	-1.28E+05	2.47E+05	-3.72E+06	3.80E+06
1/15	5.89E+04	-1.62E+05	3.16E+05	-1.59E+05	3.13E+05	-3.26E+06	3.81E+06
1/10	-5.20E+04	-8.69E+05	4.56E+05	-8.60E+05	4.50E+05	-8.08E+06	5.02E+06

Table R–430. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	3.34E+04	-3.68E+04	1.29E+05	-3.31E+04	1.27E+05	-3.99E+06	5.61E+06
1/20	-5.51E+03	-1.58E+05	1.73E+05	-1.49E+05	1.72E+05	-2.86E+06	3.54E+06
1/15	-1.55E+04	-2.49E+05	1.97E+05	-2.38E+05	1.94E+05	-3.33E+06	3.14E+06
1/10	-8.50E+04	-2.64E+06	7.95E+05	-6.80E+05	2.66E+05	-5.95E+06	3.51E+06

Table R–431. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-432. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-2.54E+03	-4.24E+04	4.28E+04	-4.17E+04	4.20E+04	-2.35E+06	2.67E+06
1/20	-2.13E+05	-3.81E+05	-8.27E+04	-3.73E+05	-8.75E+04	-3.20E+06	2.51E+06
1/15	-2.26E+05	-4.66E+05	-5.40E+04	-4.45E+05	-5.84E+04	-3.30E+06	2.51E+06
1/10	—	—	—	—	—	—	—

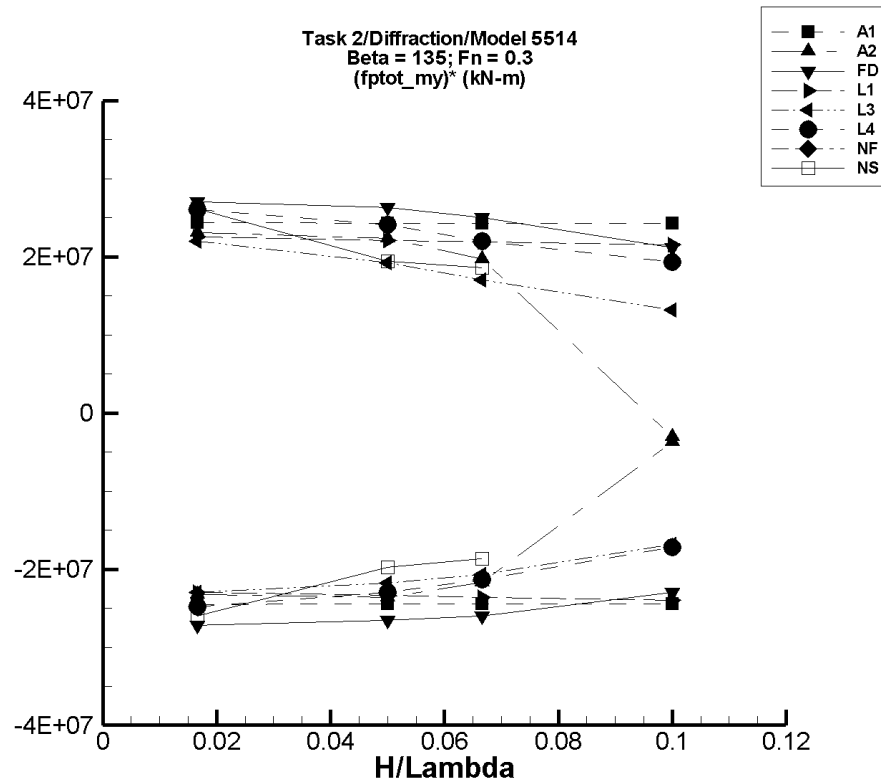


Figure R-55. Minimum and Maximum of $(M_y^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

Table R-433. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-399.	-4.21E+05	4.16E+05	-4.09E+05	4.06E+05	-2.45E+07	2.44E+07
1/20	-1.19E+03	-1.26E+06	1.25E+06	-1.22E+06	1.21E+06	-2.45E+07	2.43E+07
1/15	-1.59E+03	-1.68E+06	1.66E+06	-1.63E+06	1.62E+06	-2.44E+07	2.43E+07
1/10	-2.39E+03	-2.52E+06	2.49E+06	-2.45E+06	2.43E+06	-2.45E+07	2.43E+07

Table R-434. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	5.33E+03	-3.93E+05	4.01E+05	-3.83E+05	3.91E+05	-2.33E+07	2.31E+07
1/20	3.21E+04	-1.33E+06	1.18E+06	-1.15E+06	1.15E+06	-2.36E+07	2.24E+07
1/15	2.39E+04	-1.47E+06	1.37E+06	-1.42E+06	1.34E+06	-2.17E+07	1.97E+07
1/10	-1.66E+06	-2.03E+06	-1.97E+06	-2.03E+06	-1.97E+06	-3.68E+06	-3.07E+06

Table R-435. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.96E+04	-4.45E+05	4.83E+05	-4.33E+05	4.71E+05	-2.72E+07	2.71E+07
1/20	6.75E+04	-1.30E+06	1.42E+06	-1.26E+06	1.38E+06	-2.65E+07	2.63E+07
1/15	9.12E+04	-1.68E+06	1.79E+06	-1.64E+06	1.76E+06	-2.60E+07	2.50E+07
1/10	7.23E+03	-2.34E+06	2.20E+06	-2.29E+06	2.13E+06	-2.30E+07	2.12E+07

Table R-436. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.29E+04	-3.44E+05	4.22E+05	-3.40E+05	4.18E+05	-2.30E+07	2.25E+07
1/20	3.32E+04	-1.15E+06	1.15E+06	-1.14E+06	1.14E+06	-2.34E+07	2.21E+07
1/15	2.45E+04	-1.56E+06	1.50E+06	-1.55E+06	1.49E+06	-2.36E+07	2.19E+07
1/10	-882.	-2.43E+06	2.17E+06	-2.40E+06	2.15E+06	-2.40E+07	2.15E+07

Table R-437. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.34E+04	-3.43E+05	4.13E+05	-3.40E+05	4.10E+05	-2.30E+07	2.20E+07
1/20	7.04E+04	-1.04E+06	1.04E+06	-1.02E+06	1.03E+06	-2.18E+07	1.93E+07
1/15	7.97E+04	-1.31E+06	1.22E+06	-1.30E+06	1.22E+06	-2.06E+07	1.71E+07
1/10	-9.30E+03	-1.71E+06	1.32E+06	-1.69E+06	1.31E+06	-1.68E+07	1.31E+07

TASK 2/DIFFRACTION/MODEL 5514

Table R-438. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{ptot} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{ptot})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	2.45E+04	-3.97E+05	4.64E+05	-3.89E+05	4.58E+05	-2.48E+07	2.60E+07
1/20	-5.30E+04	-1.23E+06	1.17E+06	-1.20E+06	1.15E+06	-2.30E+07	2.41E+07
1/15	-9.40E+04	-1.54E+06	1.39E+06	-1.52E+06	1.37E+06	-2.14E+07	2.20E+07
1/10	-2.14E+05	-2.69E+06	2.31E+06	-1.93E+06	1.72E+06	-1.72E+07	1.94E+07

Table R-439. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{ptot} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{ptot})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-440. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{ptot} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{ptot})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-185.	-4.39E+05	4.39E+05	-4.34E+05	4.35E+05	-2.60E+07	2.61E+07
1/20	-2.23E+05	-1.22E+06	7.58E+05	-1.21E+06	7.50E+05	-1.98E+07	1.95E+07
1/15	-2.31E+05	-1.49E+06	1.02E+06	-1.48E+06	1.01E+06	-1.87E+07	1.86E+07
1/10	—	—	—	—	—	—	—

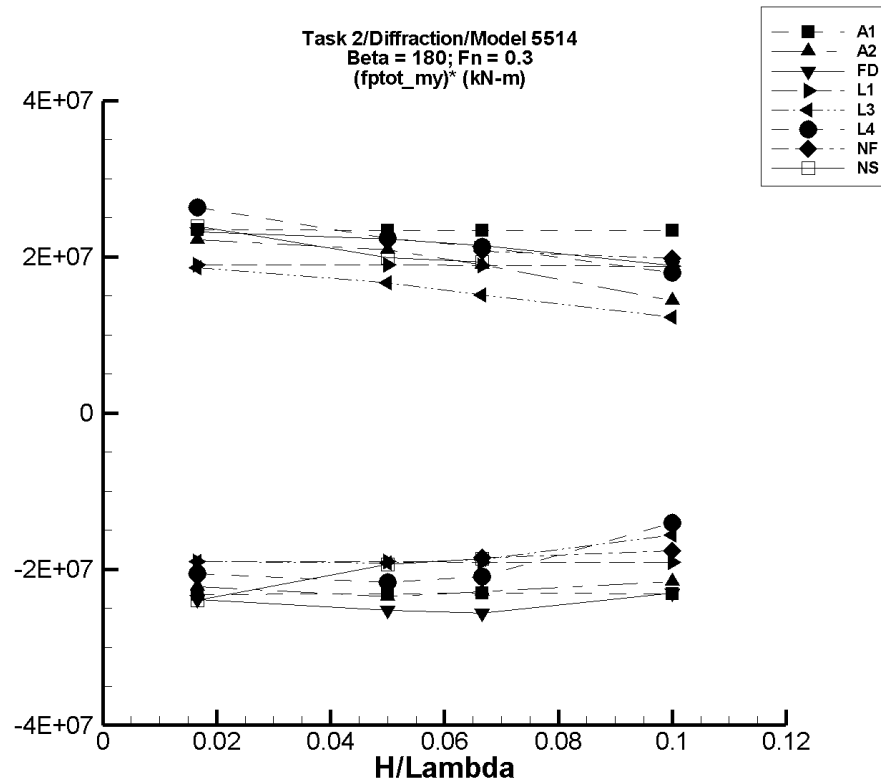


Figure R-56. Minimum and Maximum of $(M_y^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-441. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.19E+03	-3.98E+05	4.06E+05	-3.86E+05	3.92E+05	-2.32E+07	2.35E+07
1/20	3.55E+03	-1.19E+06	1.21E+06	-1.15E+06	1.17E+06	-2.31E+07	2.34E+07
1/15	4.73E+03	-1.59E+06	1.62E+06	-1.54E+06	1.56E+06	-2.31E+07	2.34E+07
1/10	7.11E+03	-2.38E+06	2.43E+06	-2.31E+06	2.35E+06	-2.31E+07	2.34E+07

Table R-442. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	6.57E+03	-3.77E+05	3.90E+05	-3.64E+05	3.77E+05	-2.22E+07	2.22E+07
1/20	3.93E+04	-1.19E+06	1.12E+06	-1.14E+06	1.09E+06	-2.35E+07	2.09E+07
1/15	3.68E+04	-1.56E+06	1.33E+06	-1.49E+06	1.30E+06	-2.29E+07	1.89E+07
1/10	1.50E+05	-2.30E+06	2.50E+06	-2.01E+06	1.59E+06	-2.16E+07	1.44E+07

Table R-443. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.78E+04	-3.88E+05	4.17E+05	-3.81E+05	4.04E+05	-2.39E+07	2.32E+07
1/20	6.09E+04	-1.22E+06	1.21E+06	-1.20E+06	1.17E+06	-2.53E+07	2.23E+07
1/15	8.22E+04	-1.65E+06	1.55E+06	-1.63E+06	1.51E+06	-2.57E+07	2.15E+07
1/10	-1.04E+04	-2.39E+06	1.92E+06	-2.32E+06	1.88E+06	-2.31E+07	1.89E+07

Table R-444. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.32E+04	-2.77E+05	3.64E+05	-2.73E+05	3.60E+05	-1.90E+07	1.90E+07
1/20	4.30E+04	-9.22E+05	1.00E+06	-9.10E+05	9.89E+05	-1.91E+07	1.89E+07
1/15	4.33E+04	-1.25E+06	1.32E+06	-1.23E+06	1.30E+06	-1.91E+07	1.89E+07
1/10	4.46E+04	-1.90E+06	1.95E+06	-1.87E+06	1.93E+06	-1.92E+07	1.88E+07

Table R-445. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.35E+04	-2.77E+05	3.58E+05	-2.73E+05	3.54E+05	-1.90E+07	1.86E+07
1/20	7.78E+04	-8.98E+05	9.22E+05	-8.84E+05	9.11E+05	-1.92E+07	1.67E+07
1/15	9.77E+04	-1.17E+06	1.12E+06	-1.15E+06	1.10E+06	-1.87E+07	1.51E+07
1/10	3.61E+04	-1.56E+06	1.28E+06	-1.52E+06	1.26E+06	-1.56E+07	1.23E+07

Table R-446. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{ptot}} \rangle$	Unfiltered M_y^{ptot}		Filtered M_y^{ptot}		Filtered $(M_y^{\text{ptot}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.51E+04	-3.33E+05	4.64E+05	-3.29E+05	4.54E+05	-2.06E+07	2.64E+07
1/20	-6.47E+04	-1.18E+06	1.10E+06	-1.15E+06	1.05E+06	-2.17E+07	2.24E+07
1/15	-1.11E+05	-1.54E+06	1.42E+06	-1.51E+06	1.31E+06	-2.10E+07	2.12E+07
1/10	-6.38E+04	-1.85E+06	2.24E+06	-1.47E+06	1.73E+06	-1.40E+07	1.79E+07

Table R-447. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_y^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_y^{ptot} Max. (kN-m)	Filtered $(M_y^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	-6.23E+04	-1.08E+06	1.05E+06	-1.03E+06	9.90E+05	-1.94E+07	2.11E+07
1/15	-8.23E+04	-1.38E+06	1.39E+06	-1.32E+06	1.30E+06	-1.86E+07	2.07E+07
1/10	-1.40E+05	-1.92E+06	1.86E+06	-1.90E+06	1.84E+06	-1.76E+07	1.98E+07

Table R-448. Minimum and Maximum of M_y^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_y^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_y^{ptot} Max. (kN-m)	Filtered $(M_y^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-6.88E+03	-4.06E+05	3.95E+05	-4.06E+05	3.91E+05	-2.39E+07	2.39E+07
1/20	-2.42E+05	-1.22E+06	7.66E+05	-1.21E+06	7.52E+05	-1.94E+07	1.99E+07
1/15	-2.39E+05	-1.49E+06	1.06E+06	-1.48E+06	1.05E+06	-1.86E+07	1.93E+07
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

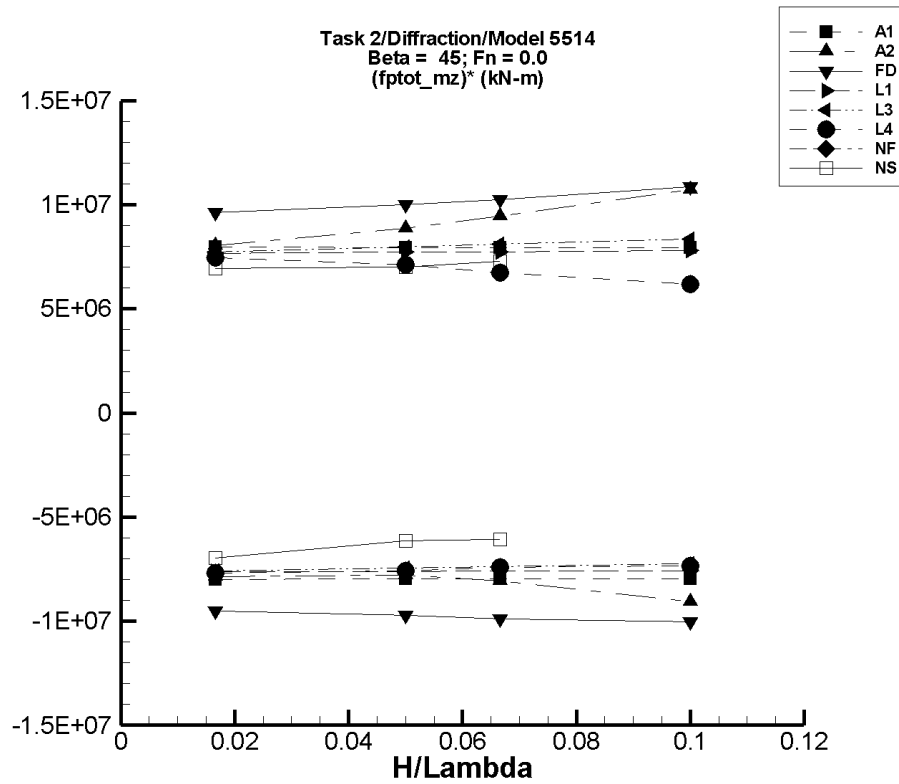


Figure R-57. Minimum and Maximum of $(M_z^{ptot})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-449. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-81.0	-1.35E+05	1.34E+05	-1.33E+05	1.33E+05	-7.99E+06	7.98E+06
1/20	-242.	-4.03E+05	4.02E+05	-3.98E+05	3.97E+05	-7.96E+06	7.95E+06
1/15	-323.	-5.36E+05	5.35E+05	-5.31E+05	5.29E+05	-7.95E+06	7.94E+06
1/10	-485.	-8.05E+05	8.04E+05	-7.97E+05	7.95E+05	-7.96E+06	7.95E+06

Table R-450. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-121.	-1.32E+05	1.35E+05	-1.31E+05	1.34E+05	-7.86E+06	8.05E+06
1/20	-3.47E+03	-5.97E+05	4.44E+05	-3.93E+05	4.40E+05	-7.80E+06	8.88E+06
1/15	-1.96E+03	-7.81E+05	6.35E+05	-5.39E+05	6.28E+05	-8.05E+06	9.45E+06
1/10	-3.65E+04	-1.80E+06	1.05E+06	-9.42E+05	1.04E+06	-9.06E+06	1.07E+07

Table R-451. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	10.3	-1.60E+05	1.62E+05	-1.59E+05	1.60E+05	-9.52E+06	9.62E+06
1/20	296.	-4.92E+05	5.06E+05	-4.86E+05	5.00E+05	-9.73E+06	1.00E+07
1/15	636.	-6.66E+05	6.93E+05	-6.58E+05	6.85E+05	-9.88E+06	1.03E+07
1/10	1.29E+03	-1.02E+06	1.10E+06	-1.00E+06	1.09E+06	-1.00E+07	1.09E+07

TASK 2/DIFFRACTION/MODEL 5514

Table R-452. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered ($M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-252.	-1.28E+05	1.28E+05	-1.27E+05	1.28E+05	-7.63E+06	7.67E+06
1/20	-2.06E+03	-3.84E+05	3.85E+05	-3.82E+05	3.84E+05	-7.60E+06	7.72E+06
1/15	-3.62E+03	-5.12E+05	5.14E+05	-5.10E+05	5.12E+05	-7.59E+06	7.74E+06
1/10	-8.04E+03	-7.68E+05	7.75E+05	-7.66E+05	7.71E+05	-7.57E+06	7.79E+06

Table R-453. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered ($M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-253.	-1.27E+05	1.29E+05	-1.27E+05	1.29E+05	-7.58E+06	7.75E+06
1/20	-2.01E+03	-3.75E+05	3.99E+05	-3.74E+05	3.97E+05	-7.44E+06	7.98E+06
1/15	-3.48E+03	-4.97E+05	5.40E+05	-4.95E+05	5.37E+05	-7.38E+06	8.11E+06
1/10	-7.89E+03	-7.34E+05	8.30E+05	-7.31E+05	8.26E+05	-7.23E+06	8.34E+06

Table R-454. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered ($M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-1.50E+03	-1.33E+05	1.25E+05	-1.30E+05	1.23E+05	-7.68E+06	7.47E+06
1/20	-1.15E+04	-4.06E+05	3.58E+05	-3.91E+05	3.44E+05	-7.59E+06	7.10E+06
1/15	-1.75E+04	-5.24E+05	4.45E+05	-5.12E+05	4.31E+05	-7.42E+06	6.73E+06
1/10	-1.22E+04	-7.76E+05	8.24E+05	-7.46E+05	6.06E+05	-7.34E+06	6.18E+06

Table R–455. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–456. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-741.	-1.18E+05	1.16E+05	-1.17E+05	1.15E+05	-6.95E+06	6.95E+06
1/20	-62.9	-3.09E+05	3.56E+05	-3.07E+05	3.51E+05	-6.14E+06	7.01E+06
1/15	595.	-4.09E+05	4.90E+05	-4.05E+05	4.87E+05	-6.08E+06	7.30E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

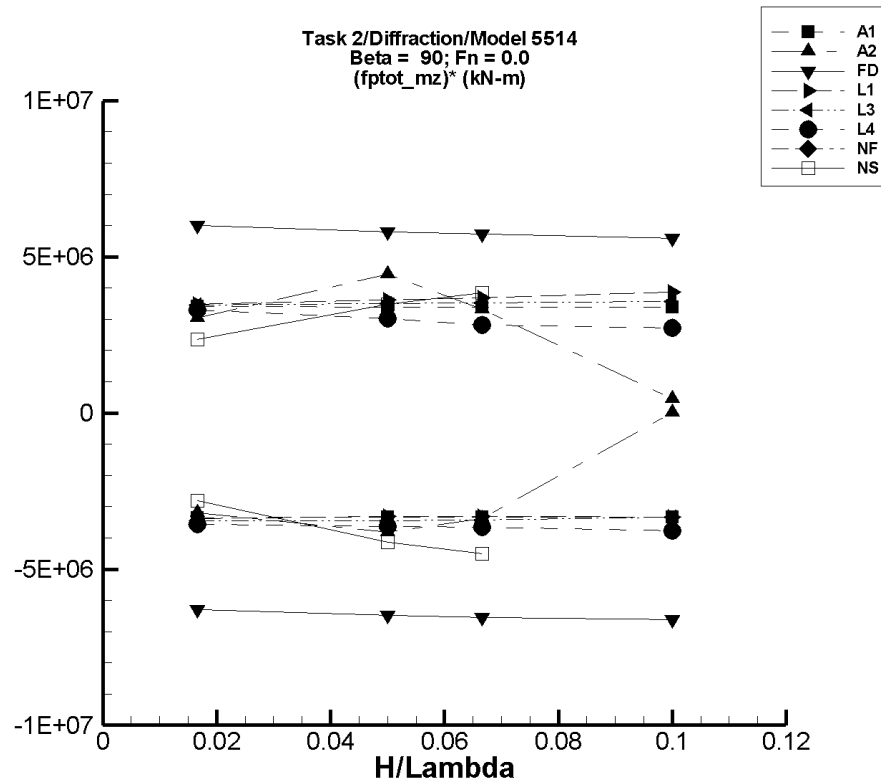


Figure R-58. Minimum and Maximum of $(M_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

Table R-457. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	4.37	-5.65E+04	5.70E+04	-5.58E+04	5.67E+04	-3.35E+06	3.40E+06
1/20	13.1	-1.69E+05	1.70E+05	-1.67E+05	1.70E+05	-3.34E+06	3.39E+06
1/15	17.4	-2.25E+05	2.27E+05	-2.22E+05	2.26E+05	-3.34E+06	3.39E+06
1/10	26.1	-3.38E+05	3.41E+05	-3.34E+05	3.39E+05	-3.34E+06	3.39E+06

Table R-458. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-133.	-5.44E+04	5.08E+04	-5.35E+04	5.07E+04	-3.20E+06	3.05E+06
1/20	7.17E+03	-3.13E+05	7.38E+05	-1.84E+05	2.30E+05	-3.81E+06	4.45E+06
1/15	1.45E+03	-3.27E+05	2.84E+05	-2.24E+05	2.22E+05	-3.38E+06	3.31E+06
1/10	9.11E+04	9.27E+04	1.37E+05	9.27E+04	1.37E+05	1.66E+04	4.60E+05

Table R-459. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-1.12	-1.06E+05	1.01E+05	-1.05E+05	9.99E+04	-6.28E+06	5.99E+06
1/20	50.7	-3.29E+05	2.89E+05	-3.24E+05	2.90E+05	-6.49E+06	5.79E+06
1/15	94.3	-4.43E+05	3.79E+05	-4.36E+05	3.81E+05	-6.55E+06	5.72E+06
1/10	-665.	-6.74E+05	5.54E+05	-6.62E+05	5.58E+05	-6.61E+06	5.59E+06

Table R-460. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-892.	-5.74E+04	5.74E+04	-5.72E+04	5.72E+04	-3.38E+06	3.48E+06
1/20	-7.82E+03	-1.74E+05	1.74E+05	-1.74E+05	1.73E+05	-3.32E+06	3.62E+06
1/15	-1.38E+04	-2.35E+05	2.34E+05	-2.34E+05	2.32E+05	-3.31E+06	3.69E+06
1/10	-3.11E+04	-3.66E+05	3.57E+05	-3.64E+05	3.55E+05	-3.33E+06	3.86E+06

Table R-461. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-895.	-5.85E+04	5.68E+04	-5.82E+04	5.69E+04	-3.44E+06	3.47E+06
1/20	-7.91E+03	-1.81E+05	1.67E+05	-1.80E+05	1.67E+05	-3.45E+06	3.50E+06
1/15	-1.40E+04	-2.44E+05	2.21E+05	-2.43E+05	2.21E+05	-3.43E+06	3.52E+06
1/10	-3.20E+04	-3.68E+05	3.25E+05	-3.65E+05	3.24E+05	-3.33E+06	3.57E+06

Table R-462. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-73.3	-6.20E+04	5.68E+04	-5.94E+04	5.50E+04	-3.56E+06	3.31E+06
1/20	3.68E+03	-1.86E+05	1.66E+05	-1.78E+05	1.55E+05	-3.64E+06	3.03E+06
1/15	1.14E+04	-2.54E+05	2.12E+05	-2.32E+05	1.99E+05	-3.65E+06	2.82E+06
1/10	8.46E+04	-3.36E+05	6.30E+05	-2.93E+05	3.58E+05	-3.78E+06	2.73E+06

Table R-463. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-464. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-733.	-4.85E+04	3.91E+04	-4.77E+04	3.84E+04	-2.82E+06	2.35E+06
1/20	2.58E+03	-2.08E+05	1.80E+05	-2.04E+05	1.77E+05	-4.13E+06	3.48E+06
1/15	5.52E+03	-3.00E+05	2.73E+05	-2.94E+05	2.62E+05	-4.50E+06	3.85E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

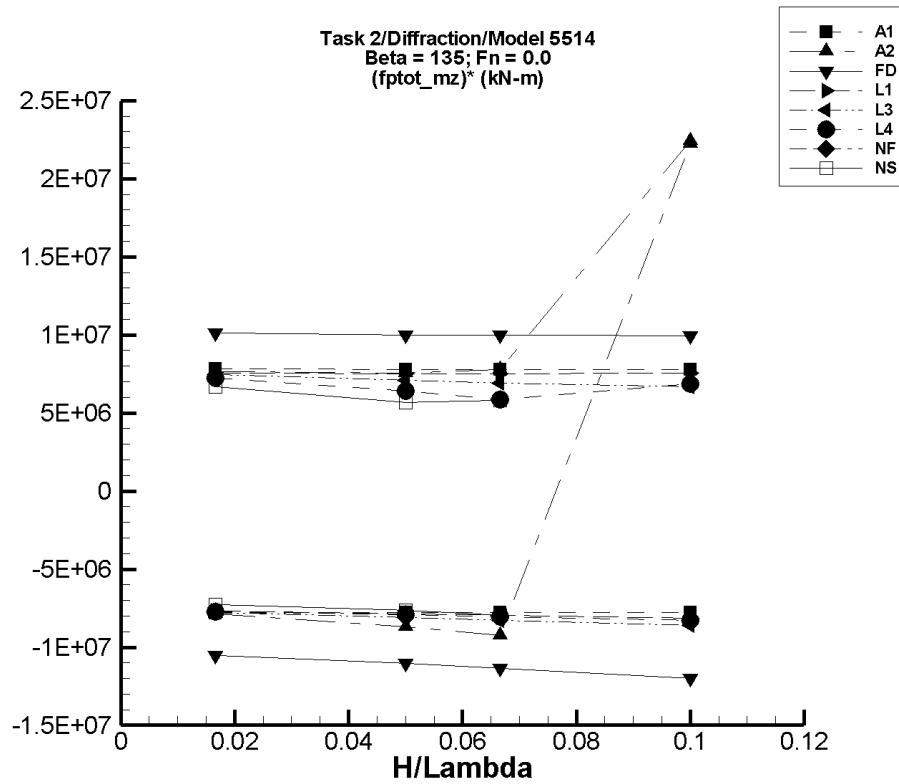


Figure R-59. Minimum and Maximum of $(M_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

Table R-465. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	62.5	-1.32E+05	1.32E+05	-1.30E+05	1.30E+05	-7.82E+06	7.82E+06
1/20	187.	-3.93E+05	3.95E+05	-3.90E+05	3.90E+05	-7.79E+06	7.80E+06
1/15	249.	-5.24E+05	5.25E+05	-5.19E+05	5.20E+05	-7.78E+06	7.79E+06
1/10	374.	-7.87E+05	7.89E+05	-7.79E+05	7.80E+05	-7.79E+06	7.80E+06

Table R-466. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-115.	-1.32E+05	1.29E+05	-1.31E+05	1.27E+05	-7.85E+06	7.65E+06
1/20	3.40E+03	-4.33E+05	5.98E+05	-4.31E+05	3.82E+05	-8.69E+06	7.57E+06
1/15	-400.	-6.22E+05	5.25E+05	-6.16E+05	5.19E+05	-9.23E+06	7.79E+06
1/10	-1.62E+06	6.04E+05	6.20E+05	6.04E+05	6.20E+05	2.23E+07	2.24E+07

Table R-467. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-7.03	-1.77E+05	1.70E+05	-1.75E+05	1.69E+05	-1.05E+07	1.01E+07
1/20	-149.	-5.59E+05	5.04E+05	-5.53E+05	5.00E+05	-1.10E+07	1.00E+07
1/15	-399.	-7.67E+05	6.70E+05	-7.58E+05	6.64E+05	-1.14E+07	9.97E+06
1/10	-892.	-1.22E+06	9.99E+05	-1.20E+06	9.92E+05	-1.20E+07	9.93E+06

Table R-468. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	206.	-1.28E+05	1.27E+05	-1.28E+05	1.26E+05	-7.68E+06	7.56E+06
1/20	1.82E+03	-3.92E+05	3.79E+05	-3.90E+05	3.77E+05	-7.85E+06	7.51E+06
1/15	3.24E+03	-5.29E+05	5.06E+05	-5.26E+05	5.04E+05	-7.94E+06	7.51E+06
1/10	7.27E+03	-8.13E+05	7.65E+05	-8.09E+05	7.62E+05	-8.16E+06	7.55E+06

Table R-469. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	206.	-1.30E+05	1.25E+05	-1.29E+05	1.24E+05	-7.78E+06	7.45E+06
1/20	1.76E+03	-4.05E+05	3.58E+05	-4.03E+05	3.56E+05	-8.10E+06	7.09E+06
1/15	3.04E+03	-5.52E+05	4.66E+05	-5.49E+05	4.64E+05	-8.28E+06	6.92E+06
1/10	6.92E+03	-8.60E+05	6.75E+05	-8.55E+05	6.73E+05	-8.62E+06	6.66E+06

Table R-470. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	412.	-1.30E+05	1.23E+05	-1.28E+05	1.21E+05	-7.72E+06	7.24E+06
1/20	7.18E+03	-4.04E+05	3.38E+05	-3.90E+05	3.27E+05	-7.93E+06	6.40E+06
1/15	1.52E+04	-5.46E+05	4.15E+05	-5.21E+05	4.06E+05	-8.04E+06	5.86E+06
1/10	4.85E+04	-1.05E+06	7.65E+05	-7.81E+05	7.37E+05	-8.29E+06	6.88E+06

Table R-471. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-472. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-353.	-1.23E+05	1.13E+05	-1.22E+05	1.11E+05	-7.28E+06	6.70E+06
1/20	3.61E+03	-3.78E+05	2.89E+05	-3.78E+05	2.86E+05	-7.63E+06	5.65E+06
1/15	7.66E+03	-5.23E+05	4.02E+05	-5.24E+05	3.96E+05	-7.97E+06	5.83E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

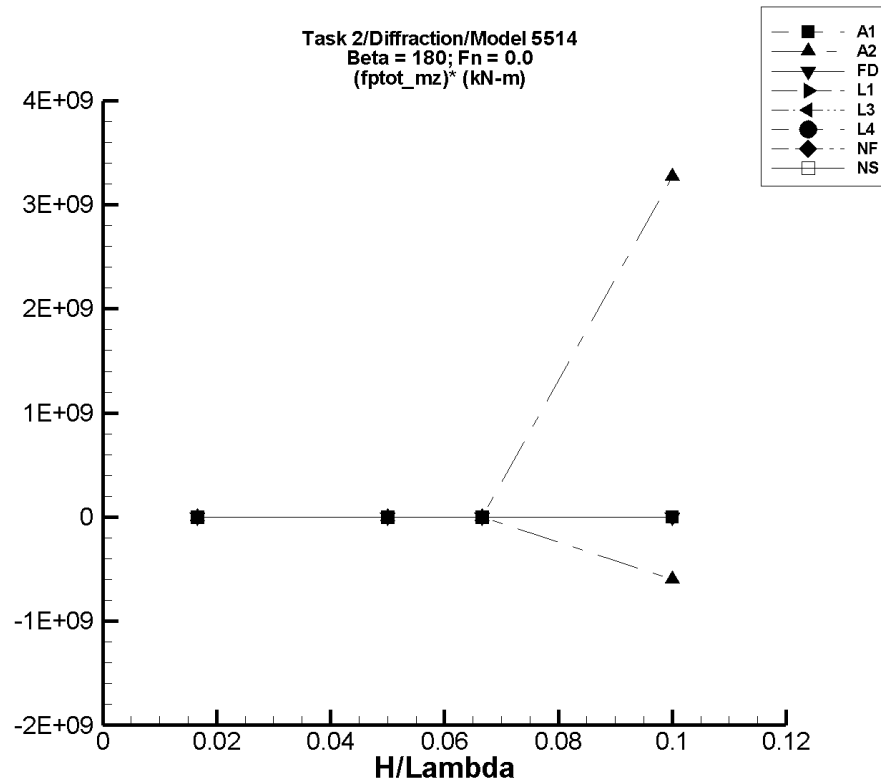


Figure R-60. Minimum and Maximum of $(M_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

Table R-473. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-0.133	-37.1	38.0	-36.6	37.9	-2.19E+03	2.28E+03
1/20	-0.397	-111.	114.	-110.	114.	-2.18E+03	2.28E+03
1/15	-0.528	-148.	152.	-146.	151.	-2.18E+03	2.28E+03
1/10	-0.793	-222.	228.	-219.	227.	-2.18E+03	2.28E+03

Table R-474. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-0.132	-37.1	38.0	-36.6	37.9	-2.19E+03	2.28E+03
1/20	-2.06E+03	-3.48E+05	114.	-4.64E+04	4.08E+03	-8.87E+05	1.23E+05
1/15	4.13E+03	-1.73E+03	3.93E+05	-4.73E+03	5.31E+04	-1.33E+05	7.34E+05
1/10	2.94E+07	-7.78E+05	2.67E+09	-3.05E+07	3.57E+08	-5.99E+08	3.27E+09

Table R-475. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.05E-04	-1.68E-02	2.98E-02	-1.24E-02	1.52E-02	-0.788	0.869
1/20	1.48E-03	-4.42E-02	9.71E-02	-3.72E-02	4.37E-02	-0.773	0.844
1/15	1.93E-03	-7.25E-02	0.135	-4.93E-02	5.76E-02	-0.769	0.834
1/10	1.83E-03	-0.166	0.194	-7.31E-02	8.59E-02	-0.749	0.841

Table R-476. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-477. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-478. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–479. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–480. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-2.51E-03	-4.16	4.17	-0.118	9.49E-02	-6.91	5.84
1/20	3.11E-04	-4.67	4.73	-0.144	0.171	-2.90	3.41
1/15	1.69E-02	-0.993	1.01	-0.112	0.184	-1.93	2.51
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

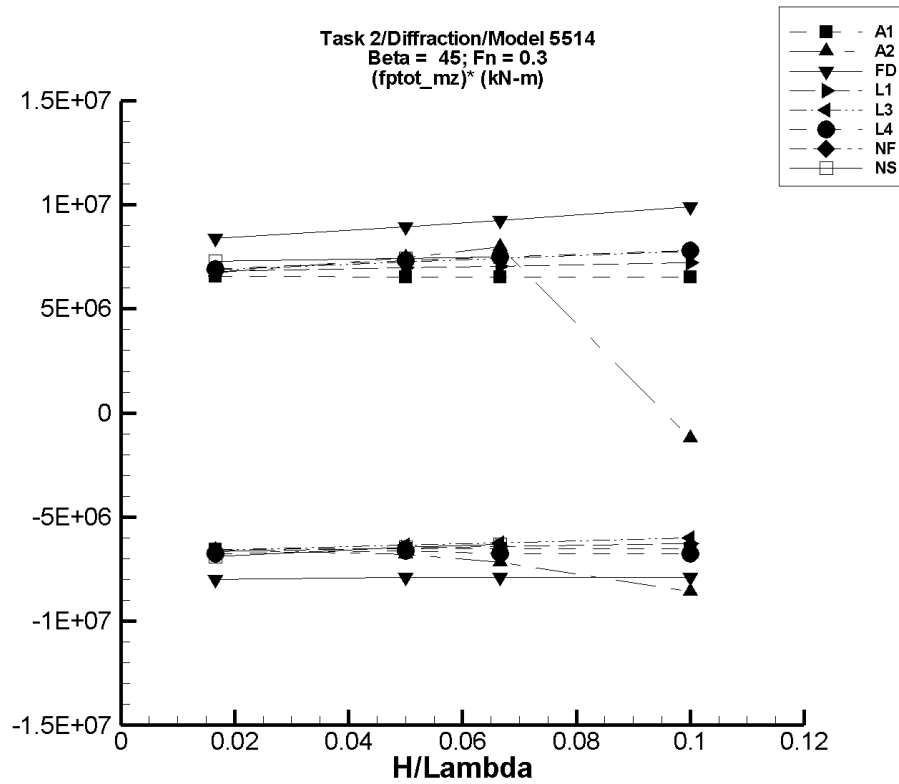


Figure R-61. Minimum and Maximum of $(M_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

Table R-481. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	$(M_z^{\text{ptot}})^*$ Max. (kN-m)
1/60	-80.7	-1.10E+05	1.10E+05	-1.09E+05	1.09E+05	-6.55E+06	6.56E+06
1/20	-241.	-3.28E+05	3.28E+05	-3.27E+05	3.27E+05	-6.53E+06	6.54E+06
1/15	-321.	-4.36E+05	4.36E+05	-4.35E+05	4.35E+05	-6.52E+06	6.53E+06
1/10	-483.	-6.56E+05	6.56E+05	-6.54E+05	6.54E+05	-6.53E+06	6.54E+06

Table R-482. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	$(M_z^{\text{ptot}})^*$ Max. (kN-m)
1/60	-149.	-1.10E+05	1.12E+05	-1.10E+05	1.12E+05	-6.60E+06	6.72E+06
1/20	-2.26E+03	-4.84E+05	3.73E+05	-3.41E+05	3.71E+05	-6.78E+06	7.47E+06
1/15	-1.38E+03	-6.42E+05	5.32E+05	-4.79E+05	5.29E+05	-7.16E+06	7.96E+06
1/10	4.74E+05	-9.90E+05	3.59E+05	-3.84E+05	3.54E+05	-8.58E+06	-1.21E+06

Table R-483. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	$(M_z^{\text{ptot}})^*$ Max. (kN-m)
1/60	-79.0	-1.34E+05	1.40E+05	-1.33E+05	1.40E+05	-7.99E+06	8.38E+06
1/20	-37.9	-3.95E+05	4.47E+05	-3.95E+05	4.46E+05	-7.90E+06	8.92E+06
1/15	127.	-5.26E+05	6.17E+05	-5.25E+05	6.16E+05	-7.88E+06	9.24E+06
1/10	409.	-7.90E+05	9.93E+05	-7.89E+05	9.91E+05	-7.89E+06	9.90E+06

Table R–484. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-285.	-1.11E+05	1.13E+05	-1.11E+05	1.13E+05	-6.65E+06	6.81E+06
1/20	-2.66E+03	-3.27E+05	3.46E+05	-3.27E+05	3.46E+05	-6.49E+06	6.97E+06
1/15	-4.75E+03	-4.33E+05	4.66E+05	-4.32E+05	4.66E+05	-6.41E+06	7.06E+06
1/10	-1.07E+04	-6.38E+05	7.13E+05	-6.38E+05	7.12E+05	-6.27E+06	7.23E+06

Table R–485. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-282.	-1.10E+05	1.15E+05	-1.10E+05	1.14E+05	-6.59E+06	6.88E+06
1/20	-2.55E+03	-3.20E+05	3.59E+05	-3.20E+05	3.59E+05	-6.35E+06	7.23E+06
1/15	-4.44E+03	-4.21E+05	4.91E+05	-4.21E+05	4.90E+05	-6.25E+06	7.42E+06
1/10	-1.02E+04	-6.12E+05	7.67E+05	-6.11E+05	7.66E+05	-6.01E+06	7.77E+06

Table R–486. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	2.87E+03	-1.13E+05	1.25E+05	-1.09E+05	1.18E+05	-6.74E+06	6.92E+06
1/20	2.37E+04	-3.09E+05	4.09E+05	-3.08E+05	3.89E+05	-6.63E+06	7.31E+06
1/15	4.43E+04	-4.07E+05	5.70E+05	-4.06E+05	5.44E+05	-6.76E+06	7.49E+06
1/10	1.09E+05	-5.83E+05	1.08E+06	-5.68E+05	8.91E+05	-6.77E+06	7.81E+06

Table R–487. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–488. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-5.29E+03	-1.21E+05	1.16E+05	-1.20E+05	1.16E+05	-6.90E+06	7.28E+06
1/20	-3.89E+04	-3.65E+05	3.33E+05	-3.61E+05	3.32E+05	-6.44E+06	7.42E+06
1/15	-6.09E+04	-4.84E+05	4.43E+05	-4.81E+05	4.39E+05	-6.30E+06	7.49E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

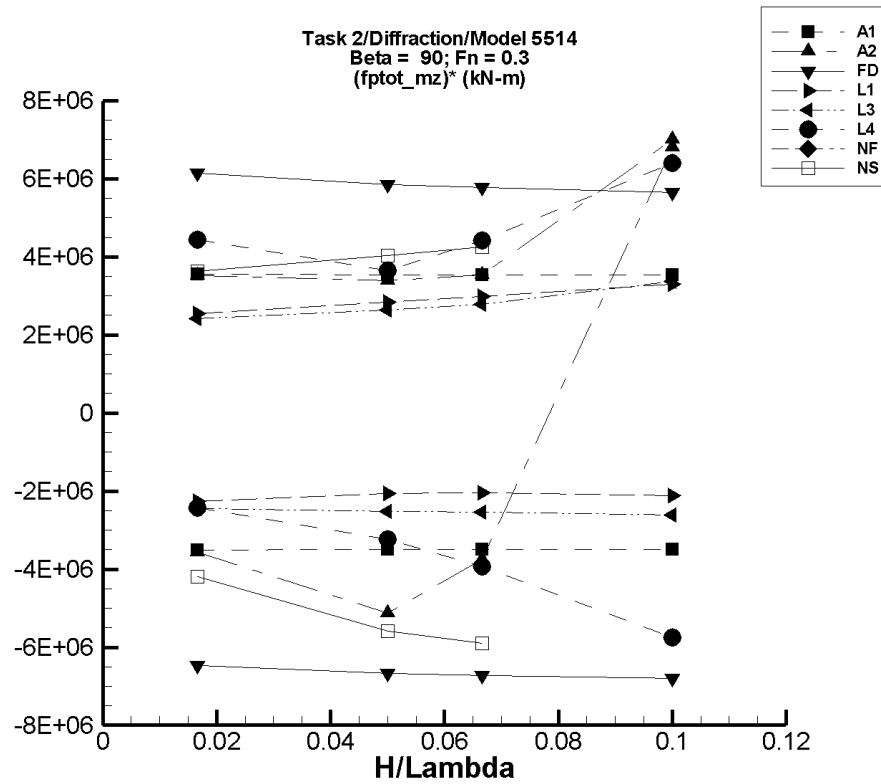


Figure R-62. Minimum and Maximum of $(M_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

Table R-489. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-59.9	-5.92E+04	5.97E+04	-5.85E+04	5.92E+04	-3.51E+06	3.55E+06
1/20	-179.	-1.77E+05	1.79E+05	-1.75E+05	1.77E+05	-3.50E+06	3.54E+06
1/15	-239.	-2.36E+05	2.38E+05	-2.33E+05	2.36E+05	-3.49E+06	3.54E+06
1/10	-359.	-3.54E+05	3.57E+05	-3.50E+05	3.54E+05	-3.50E+06	3.54E+06

Table R-490. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-198.	-6.03E+04	5.92E+04	-5.95E+04	5.86E+04	-3.56E+06	3.53E+06
1/20	6.97E+03	-5.27E+05	6.30E+05	-2.49E+05	1.77E+05	-5.12E+06	3.40E+06
1/15	1.20E+03	-6.02E+05	3.04E+05	-2.49E+05	2.36E+05	-3.75E+06	3.53E+06
1/10	-2.95E+05	3.85E+05	4.05E+05	3.85E+05	4.05E+05	6.80E+06	7.00E+06

Table R-491. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-1.42	-1.09E+05	1.04E+05	-1.08E+05	1.02E+05	-6.46E+06	6.15E+06
1/20	49.8	-3.38E+05	2.95E+05	-3.34E+05	2.93E+05	-6.67E+06	5.85E+06
1/15	93.1	-4.55E+05	3.86E+05	-4.49E+05	3.85E+05	-6.73E+06	5.77E+06
1/10	-666.	-6.91E+05	5.59E+05	-6.80E+05	5.63E+05	-6.79E+06	5.64E+06

Table R-492. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	811.	-3.70E+04	4.33E+04	-3.69E+04	4.31E+04	-2.26E+06	2.54E+06
1/20	7.29E+03	-9.63E+04	1.50E+05	-9.60E+04	1.49E+05	-2.07E+06	2.84E+06
1/15	1.30E+04	-1.23E+05	2.14E+05	-1.23E+05	2.12E+05	-2.04E+06	2.99E+06
1/10	2.92E+04	-1.84E+05	3.61E+05	-1.83E+05	3.59E+05	-2.12E+06	3.30E+06

Table R-493. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	807.	-4.01E+04	4.14E+04	-3.99E+04	4.12E+04	-2.45E+06	2.42E+06
1/20	7.20E+03	-1.19E+05	1.40E+05	-1.18E+05	1.39E+05	-2.51E+06	2.63E+06
1/15	1.28E+04	-1.58E+05	1.99E+05	-1.56E+05	1.98E+05	-2.54E+06	2.78E+06
1/10	2.82E+04	-2.36E+05	3.68E+05	-2.33E+05	3.64E+05	-2.61E+06	3.36E+06

Table R-494. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	3.72E+03	-4.17E+04	7.97E+04	-3.67E+04	7.78E+04	-2.42E+06	4.44E+06
1/20	3.48E+04	-1.36E+05	2.30E+05	-1.27E+05	2.17E+05	-3.24E+06	3.65E+06
1/15	6.36E+04	-2.06E+05	3.70E+05	-1.98E+05	3.58E+05	-3.93E+06	4.42E+06
1/10	1.56E+05	-4.38E+05	1.10E+06	-4.19E+05	7.96E+05	-5.75E+06	6.40E+06

Table R–495. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–496. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-9.76E+03	-8.08E+04	5.11E+04	-7.96E+04	5.07E+04	-4.19E+06	3.63E+06
1/20	-6.94E+04	-3.59E+05	1.34E+05	-3.49E+05	1.32E+05	-5.58E+06	4.03E+06
1/15	-1.10E+05	-5.13E+05	1.76E+05	-5.03E+05	1.74E+05	-5.90E+06	4.25E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

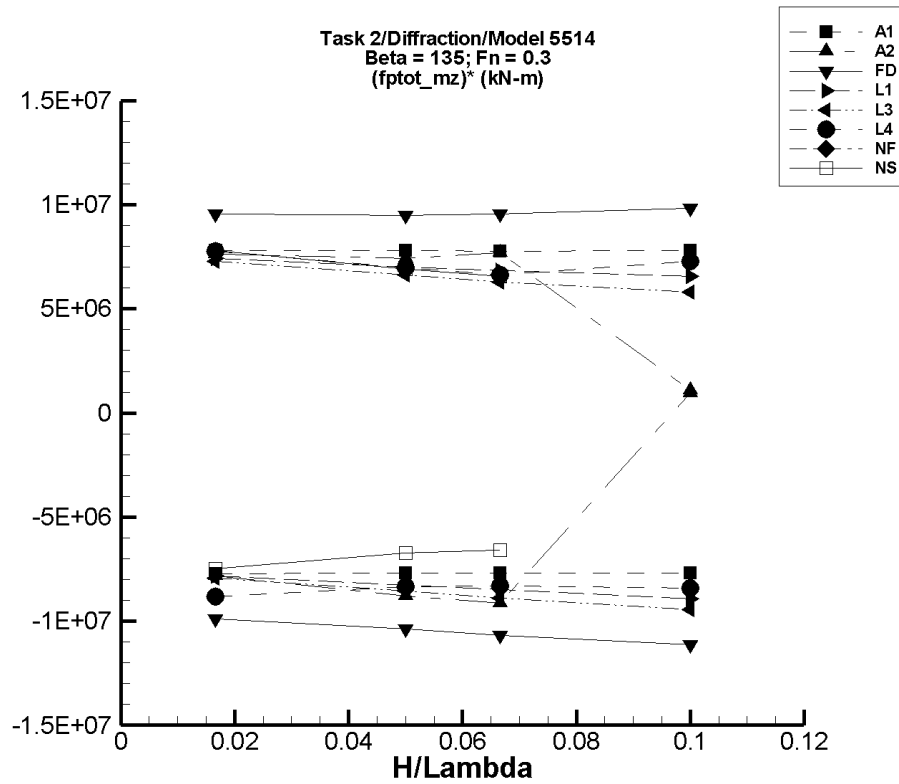


Figure R-63. Minimum and Maximum of $(M_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

Table R-497. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	152.	-1.32E+05	1.34E+05	-1.28E+05	1.30E+05	-7.71E+06	7.81E+06
1/20	455.	-3.94E+05	4.00E+05	-3.84E+05	3.90E+05	-7.69E+06	7.79E+06
1/15	605.	-5.25E+05	5.33E+05	-5.11E+05	5.19E+05	-7.68E+06	7.78E+06
1/10	909.	-7.89E+05	8.00E+05	-7.68E+05	7.80E+05	-7.69E+06	7.79E+06

Table R-498. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	50.4	-1.34E+05	1.30E+05	-1.31E+05	1.27E+05	-7.84E+06	7.64E+06
1/20	8.49E+03	-4.40E+05	6.60E+05	-4.31E+05	3.79E+05	-8.78E+06	7.41E+06
1/15	-5.09E+03	-6.29E+05	5.15E+05	-6.13E+05	5.07E+05	-9.12E+06	7.69E+06
1/10	6.22E+05	7.18E+05	7.33E+05	7.18E+05	7.33E+05	9.59E+05	1.11E+06

Table R-499. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-125.	-1.70E+05	1.63E+05	-1.65E+05	1.59E+05	-9.88E+06	9.57E+06
1/20	-394.	-5.35E+05	4.85E+05	-5.20E+05	4.75E+05	-1.04E+07	9.50E+06
1/15	-604.	-7.34E+05	6.47E+05	-7.12E+05	6.36E+05	-1.07E+07	9.54E+06
1/10	-909.	-1.15E+06	1.01E+06	-1.11E+06	9.82E+05	-1.11E+07	9.83E+06

Table R-500. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered ($M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	1.20E+03	-1.31E+05	1.26E+05	-1.29E+05	1.25E+05	-7.83E+06	7.41E+06
1/20	1.04E+04	-4.07E+05	3.64E+05	-4.03E+05	3.61E+05	-8.26E+06	7.02E+06
1/15	1.84E+04	-5.54E+05	4.78E+05	-5.47E+05	4.75E+05	-8.48E+06	6.84E+06
1/10	4.13E+04	-8.64E+05	7.02E+05	-8.52E+05	6.98E+05	-8.93E+06	6.57E+06

Table R-501. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered ($M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	1.20E+03	-1.33E+05	1.24E+05	-1.31E+05	1.23E+05	-7.93E+06	7.30E+06
1/20	1.03E+04	-4.23E+05	3.43E+05	-4.18E+05	3.41E+05	-8.56E+06	6.61E+06
1/15	1.82E+04	-5.81E+05	4.38E+05	-5.73E+05	4.36E+05	-8.87E+06	6.27E+06
1/10	4.08E+04	-9.19E+05	6.23E+05	-9.05E+05	6.20E+05	-9.45E+06	5.79E+06

Table R-502. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{ptot} Max. (kN-m)	Filtered ($M_z^{\text{ptot}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	5.28E+03	-1.46E+05	1.39E+05	-1.42E+05	1.35E+05	-8.83E+06	7.76E+06
1/20	3.28E+04	-3.90E+05	3.87E+05	-3.84E+05	3.82E+05	-8.34E+06	6.98E+06
1/15	5.80E+04	-5.09E+05	5.10E+05	-4.96E+05	5.01E+05	-8.32E+06	6.64E+06
1/10	1.32E+05	-8.71E+05	9.51E+05	-7.08E+05	8.61E+05	-8.40E+06	7.29E+06

Table R-503. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-504. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.22E+03	-1.31E+05	1.26E+05	-1.31E+05	1.24E+05	-7.48E+06	7.80E+06
1/20	-4.24E+04	-3.83E+05	3.08E+05	-3.79E+05	3.02E+05	-6.72E+06	6.89E+06
1/15	-6.43E+04	-5.07E+05	3.81E+05	-5.02E+05	3.74E+05	-6.57E+06	6.57E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

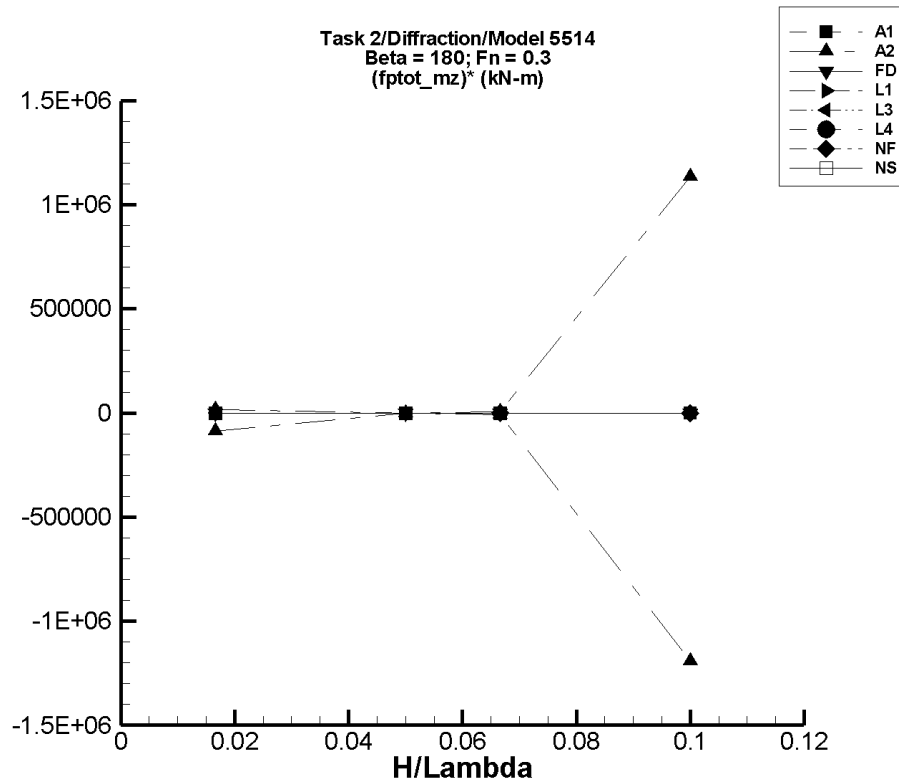


Figure R-64. Minimum and Maximum of $(M_z^{\text{ptot}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

Table R-505. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot} Min. (kN-m)	Unfiltered M_z^{ptot} Max. (kN-m)	Filtered M_z^{ptot} Min. (kN-m)	Filtered M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Max. (kN-m)
1/60	7.22E-02	-7.87	7.32	-6.94	7.08	-421.	421.
1/20	0.216	-23.6	21.9	-20.8	21.2	-419.	420.
1/15	0.288	-31.4	29.2	-27.6	28.2	-419.	419.
1/10	0.432	-47.1	43.8	-41.5	42.4	-419.	420.

Table R-506. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot} Min. (kN-m)	Unfiltered M_z^{ptot} Max. (kN-m)	Filtered M_z^{ptot} Min. (kN-m)	Filtered M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Max. (kN-m)
1/60	-145.	-1.19E+04	7.32	-1.59E+03	143.	-8.65E+04	1.73E+04
1/20	0.219	-23.9	21.9	-20.7	21.2	-419.	420.
1/15	-67.9	-1.55E+03	3.19E+03	-588.	230.	-7.80E+03	4.47E+03
1/10	-873.	-6.12E+05	8.26E+05	-1.20E+05	1.13E+05	-1.19E+06	1.13E+06

Table R-507. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot} Min. (kN-m)	Unfiltered M_z^{ptot} Max. (kN-m)	Filtered M_z^{ptot} Min. (kN-m)	Filtered M_z^{ptot} Max. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Min. (kN-m)	Filtered $(M_z^{\text{ptot}})^*$ Max. (kN-m)
1/60	-8.63E-04	-6.67E-02	6.37E-02	-4.80E-02	5.61E-02	-2.83	3.42
1/20	-7.82E-04	-0.220	0.189	-0.157	0.157	-3.12	3.15
1/15	-6.34E-04	-0.400	0.256	-0.282	0.218	-4.22	3.28
1/10	8.83E-03	-0.730	0.552	-0.462	0.346	-4.71	3.37

Table R-508. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-509. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-510. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-511. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	-8.44	-9.43	-7.48	-9.42	-7.47	-19.7	19.4
1/15	-15.6	-18.8	-13.8	-17.3	-13.8	-26.0	25.9
1/10	-36.1	-83.1	41.3	-62.2	15.9	-261.	520.

Table R-512. Minimum and Maximum of M_z^{ptot} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{ptot}} \rangle$ Mean (kN-m)	Unfiltered M_z^{ptot}		Filtered M_z^{ptot}		Filtered $(M_z^{\text{ptot}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.08E-03	-0.147	0.167	-3.00E-02	3.52E-02	-1.86	2.05
1/20	-1.06E-03	-0.402	0.488	-9.63E-02	5.66E-02	-1.90	1.15
1/15	2.57E-03	-0.806	0.851	-0.156	0.112	-2.37	1.65
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

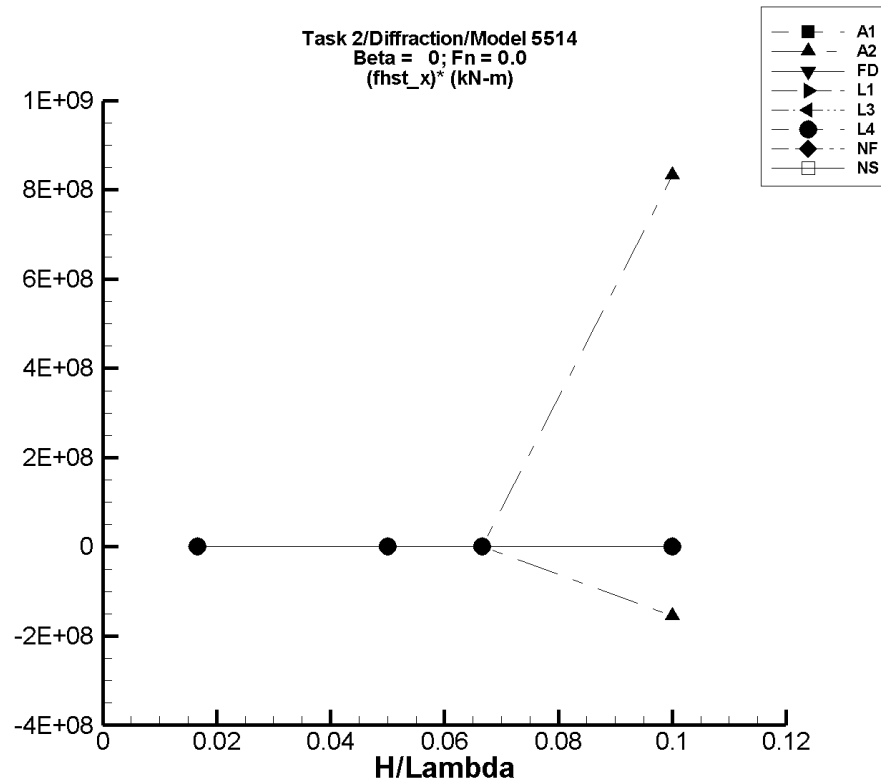


Figure R-65. Minimum and Maximum of $(F_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-513. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-514. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	46.9	-67.4	127.	-60.5	124.	-6.44E+03	4.64E+03
1/20	16.9	-613.	590.	-585.	577.	-1.20E+04	1.12E+04
1/15	48.2	-963.	1.03E+03	-955.	1.02E+03	-1.51E+04	1.46E+04
1/10	7.74E+06	-1.30E+03	6.82E+08	-7.77E+06	9.09E+07	-1.55E+08	8.32E+08

Table R-515. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-22.5	-93.0	40.9	-89.0	38.4	-3.99E+03	3.65E+03
1/20	-30.9	-667.	533.	-647.	522.	-1.23E+04	1.11E+04
1/15	-41.8	-995.	791.	-994.	690.	-1.43E+04	1.10E+04
1/10	-27.5	-1.41E+03	2.00E+03	-1.28E+03	1.90E+03	-1.25E+04	1.93E+04

TASK 2/DIFFRACTION/MODEL 5514

Table R-516. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-517. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-16.6	-84.3	46.0	-83.0	45.2	-3.98E+03	3.71E+03
1/20	-17.2	-661.	557.	-652.	552.	-1.27E+04	1.14E+04
1/15	-30.7	-997.	825.	-988.	766.	-1.44E+04	1.19E+04
1/10	-14.4	-1.41E+03	1.95E+03	-1.29E+03	1.90E+03	-1.28E+04	1.92E+04

Table R-518. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-16.6	-84.3	46.0	-83.0	45.2	-3.98E+03	3.71E+03
1/20	-17.2	-661.	557.	-652.	552.	-1.27E+04	1.14E+04
1/15	-30.7	-997.	825.	-988.	766.	-1.44E+04	1.19E+04
1/10	-14.4	-1.41E+03	1.95E+03	-1.29E+03	1.90E+03	-1.28E+04	1.92E+04

Table R–519. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–520. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

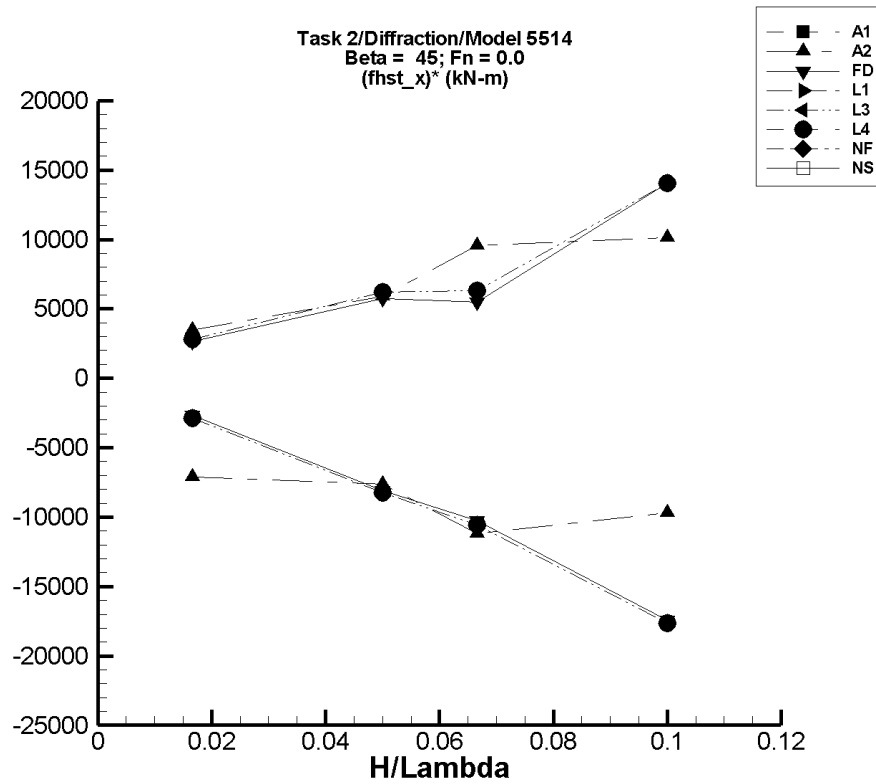


Figure R-66. Minimum and Maximum of $(F_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-521. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-522. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	38.2	-816.	94.9	-80.2	96.3	-7.10E+03	3.48E+03
1/20	21.1	-378.	333.	-361.	316.	-7.64E+03	5.90E+03
1/15	70.2	-950.	750.	-674.	707.	-1.12E+04	9.55E+03
1/10	898.	-431.	3.91E+03	-70.5	1.91E+03	-9.69E+03	1.01E+04

Table R-523. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-22.0	-68.7	24.4	-66.7	22.4	-2.68E+03	2.67E+03
1/20	-18.2	-440.	287.	-423.	270.	-8.09E+03	5.77E+03
1/15	-19.7	-747.	422.	-703.	345.	-1.03E+04	5.47E+03
1/10	-56.4	-1.93E+03	1.45E+03	-1.80E+03	1.35E+03	-1.75E+04	1.41E+04

TASK 2/DIFFRACTION/MODEL 5514

Table R-524. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-525. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-16.6	-64.9	31.1	-64.2	30.3	-2.85E+03	2.82E+03
1/20	-15.7	-433.	301.	-428.	295.	-8.24E+03	6.21E+03
1/15	-26.0	-741.	411.	-729.	393.	-1.06E+04	6.29E+03
1/10	-53.4	-1.86E+03	1.40E+03	-1.82E+03	1.35E+03	-1.76E+04	1.41E+04

Table R-526. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-16.6	-64.9	31.1	-64.2	30.3	-2.85E+03	2.82E+03
1/20	-15.7	-433.	301.	-428.	295.	-8.24E+03	6.21E+03
1/15	-26.0	-741.	411.	-729.	393.	-1.06E+04	6.29E+03
1/10	-53.4	-1.86E+03	1.40E+03	-1.82E+03	1.35E+03	-1.76E+04	1.41E+04

Table R-527. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-528. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

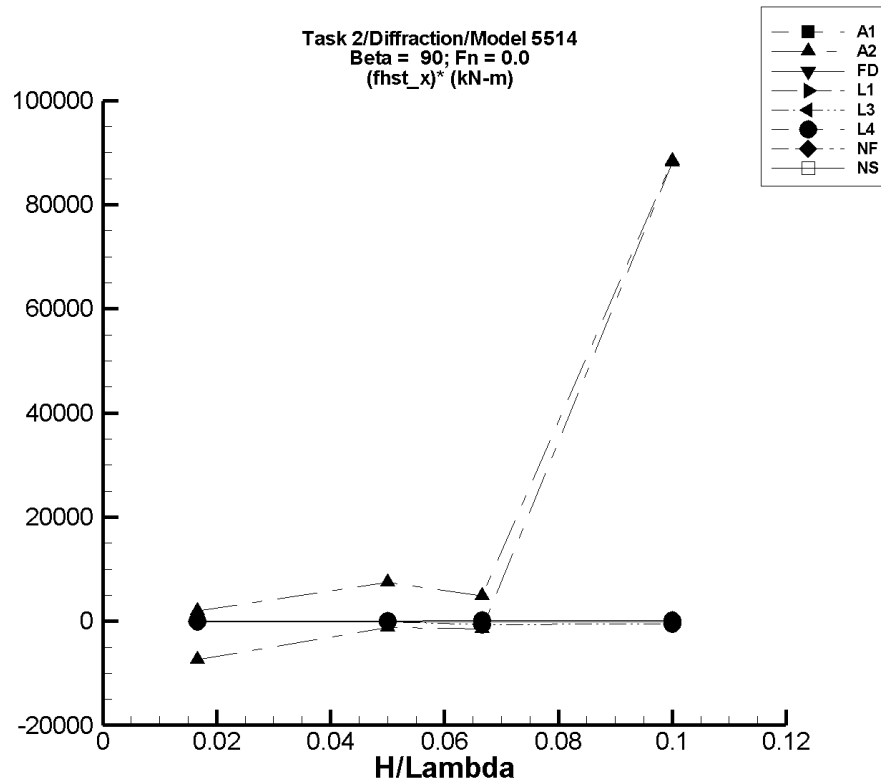


Figure R-67. Minimum and Maximum of $(F_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-529. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-530. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	38.3	-822.	71.8	-85.3	71.8	-7.41E+03	2.01E+03
1/20	36.6	-44.7	2.85E+03	-21.3	412.	-1.16E+03	7.50E+03
1/15	66.2	-54.0	482.	-29.7	386.	-1.44E+03	4.79E+03
1/10	-6.53E+03	2.29E+03	2.31E+03	2.29E+03	2.31E+03	8.82E+04	8.85E+04

Table R-531. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-22.2	-24.2	-21.1	-23.8	-21.2	-97.9	62.6
1/20	-23.9	-29.4	-21.2	-26.6	-21.4	-53.5	49.9
1/15	-22.8	-29.8	-15.6	-26.5	-16.2	-55.4	97.7
1/10	-17.3	-37.1	6.96	-34.6	5.37	-173.	227.

Table R-532. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-533. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-16.6	-17.6	-15.6	-17.5	-15.7	-53.0	55.6
1/20	-18.9	-28.2	-13.4	-25.3	-15.3	-128.	71.6
1/15	-23.4	-68.6	-8.28	-66.3	-9.40	-642.	210.
1/10	-18.0	-92.0	25.1	-69.1	2.03	-511.	200.

Table R-534. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-16.6	-17.6	-15.6	-17.5	-15.7	-53.0	55.6
1/20	-18.9	-28.2	-13.4	-25.3	-15.3	-128.	71.6
1/15	-23.4	-68.6	-8.28	-66.3	-9.40	-642.	210.
1/10	-18.0	-92.0	25.1	-69.1	2.03	-511.	200.

Table R–535. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–536. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

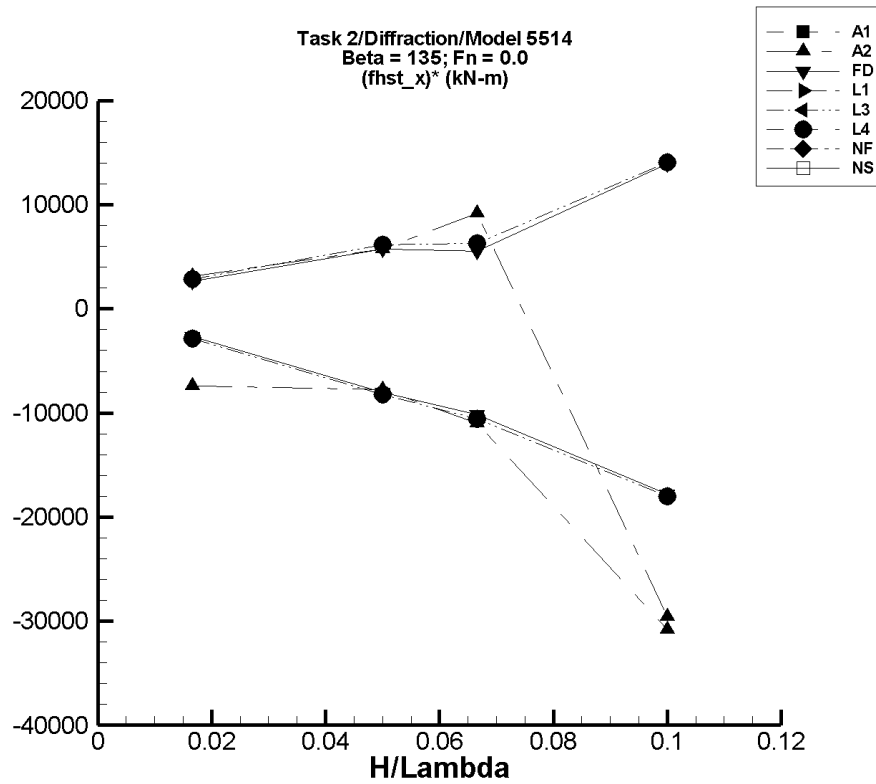


Figure R-68. Minimum and Maximum of $(F_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-537. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-538. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	41.6	-815.	94.9	-82.3	93.6	-7.43E+03	3.12E+03
1/20	28.5	-377.	333.	-360.	316.	-7.77E+03	5.75E+03
1/15	82.9	-682.	748.	-647.	693.	-1.10E+04	9.15E+03
1/10	3.50E+03	419.	544.	419.	544.	-3.08E+04	-2.95E+04

Table R-539. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-22.3	-68.7	24.4	-66.7	22.2	-2.67E+03	2.67E+03
1/20	-20.0	-440.	287.	-422.	269.	-8.05E+03	5.77E+03
1/15	-26.0	-749.	423.	-704.	345.	-1.02E+04	5.56E+03
1/10	-43.8	-1.93E+03	1.45E+03	-1.82E+03	1.35E+03	-1.78E+04	1.39E+04

TASK 2/DIFFRACTION/MODEL 5514

Table R-540. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-541. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-16.7	-64.9	31.1	-64.2	30.3	-2.85E+03	2.82E+03
1/20	-14.4	-433.	301.	-428.	295.	-8.27E+03	6.18E+03
1/15	-25.7	-741.	411.	-729.	393.	-1.05E+04	6.28E+03
1/10	-53.5	-1.87E+03	1.40E+03	-1.86E+03	1.35E+03	-1.80E+04	1.41E+04

Table R-542. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-16.7	-64.9	31.1	-64.2	30.3	-2.85E+03	2.82E+03
1/20	-14.4	-433.	301.	-428.	295.	-8.27E+03	6.18E+03
1/15	-25.7	-741.	411.	-729.	393.	-1.05E+04	6.28E+03
1/10	-53.5	-1.87E+03	1.40E+03	-1.86E+03	1.35E+03	-1.80E+04	1.41E+04

Table R–543. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–544. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

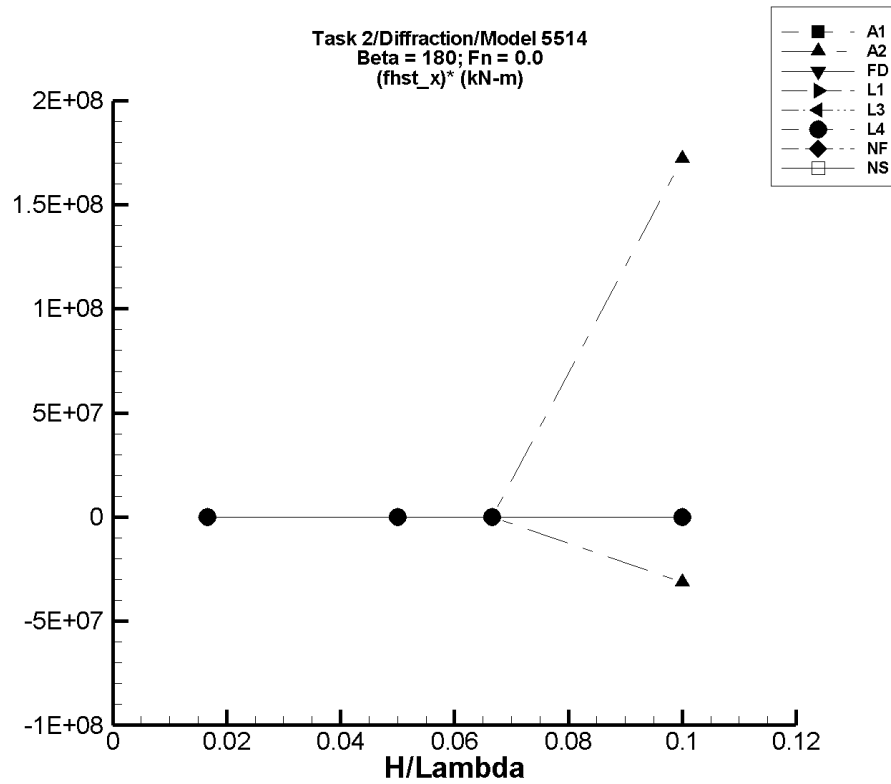


Figure R-69. Minimum and Maximum of $(F_x^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-545. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-546. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	46.9	-67.6	127.	-62.4	124.	-6.56E+03	4.64E+03
1/20	15.9	-689.	590.	-586.	575.	-1.20E+04	1.12E+04
1/15	49.4	-984.	1.03E+03	-958.	1.02E+03	-1.51E+04	1.45E+04
1/10	1.55E+06	-1.30E+03	1.41E+08	-1.60E+06	1.88E+07	-3.15E+07	1.72E+08

Table R-547. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-22.4	-93.0	40.9	-88.9	40.2	-3.99E+03	3.75E+03
1/20	-34.7	-667.	532.	-645.	533.	-1.22E+04	1.13E+04
1/15	-41.7	-995.	789.	-970.	691.	-1.39E+04	1.10E+04
1/10	-30.6	-1.41E+03	2.01E+03	-1.30E+03	1.91E+03	-1.27E+04	1.94E+04

TASK 2/DIFFRACTION/MODEL 5514

Table R-548. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-549. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-16.5	-84.3	46.0	-83.1	45.2	-3.99E+03	3.70E+03
1/20	-21.5	-661.	557.	-652.	552.	-1.26E+04	1.15E+04
1/15	-31.6	-997.	823.	-991.	765.	-1.44E+04	1.20E+04
1/10	-7.62	-1.40E+03	1.94E+03	-1.31E+03	1.90E+03	-1.30E+04	1.91E+04

Table R-550. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-16.5	-84.3	46.0	-83.1	45.2	-3.99E+03	3.70E+03
1/20	-21.5	-661.	557.	-652.	552.	-1.26E+04	1.15E+04
1/15	-31.6	-997.	823.	-991.	765.	-1.44E+04	1.20E+04
1/10	-7.62	-1.40E+03	1.94E+03	-1.31E+03	1.90E+03	-1.30E+04	1.91E+04

Table R-551. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-552. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

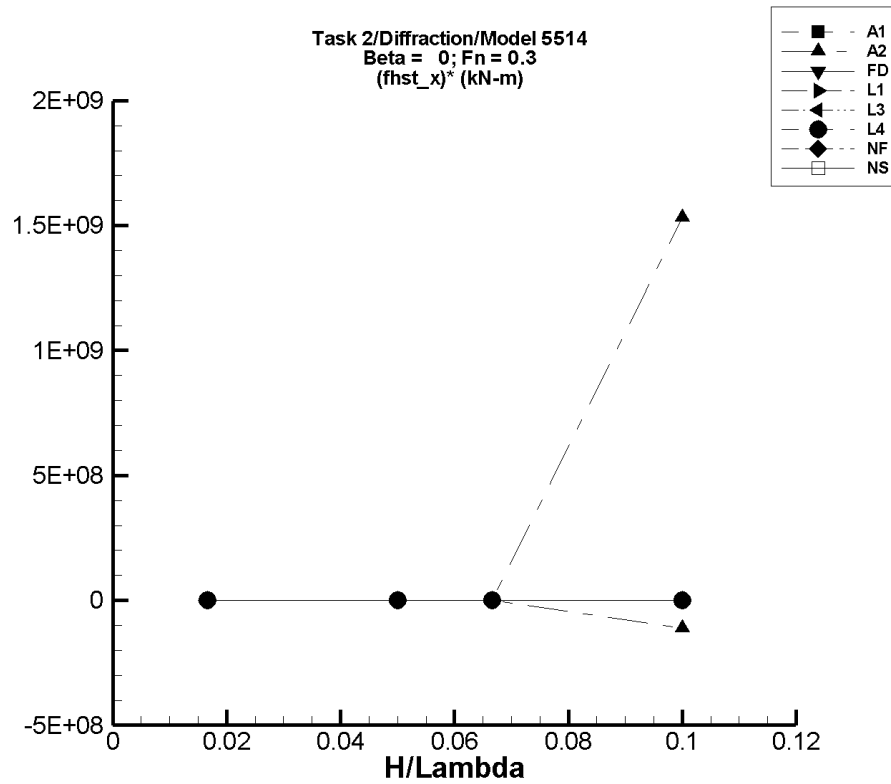


Figure R-70. Minimum and Maximum of $(F_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-553. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-554. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	45.4	-767.	127.	-67.3	127.	-6.76E+03	4.88E+03
1/20	17.6	-1.28E+03	590.	-616.	589.	-1.27E+04	1.14E+04
1/15	63.6	-996.	4.68E+03	-961.	1.03E+03	-1.54E+04	1.45E+04
1/10	3.82E+06	-1.30E+03	6.15E+08	-7.33E+06	1.57E+08	-1.12E+08	1.53E+09

Table R-555. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-22.3	-93.1	40.9	-92.8	40.8	-4.23E+03	3.79E+03
1/20	-28.7	-667.	533.	-665.	530.	-1.27E+04	1.12E+04
1/15	-38.2	-995.	803.	-994.	777.	-1.43E+04	1.22E+04
1/10	-20.7	-1.42E+03	2.01E+03	-1.37E+03	1.98E+03	-1.35E+04	2.00E+04

TASK 2/DIFFRACTION/MODEL 5514

Table R-556. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-557. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-16.5	-84.3	46.0	-84.2	46.0	-4.06E+03	3.75E+03
1/20	-18.5	-662.	557.	-661.	555.	-1.29E+04	1.15E+04
1/15	-22.7	-997.	831.	-997.	820.	-1.46E+04	1.26E+04
1/10	-20.6	-1.41E+03	1.95E+03	-1.38E+03	1.94E+03	-1.36E+04	1.96E+04

Table R-558. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-16.5	-84.3	46.0	-84.2	46.0	-4.06E+03	3.75E+03
1/20	-18.5	-662.	557.	-661.	555.	-1.29E+04	1.15E+04
1/15	-22.7	-997.	831.	-997.	820.	-1.46E+04	1.26E+04
1/10	-20.6	-1.41E+03	1.95E+03	-1.38E+03	1.94E+03	-1.36E+04	1.96E+04

Table R-559. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-560. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

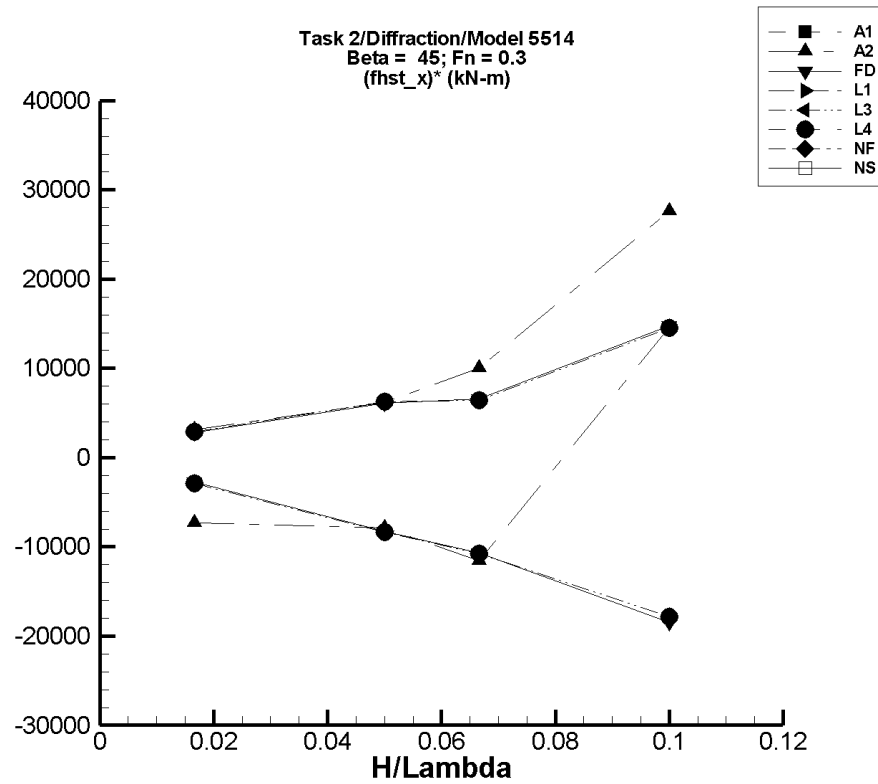


Figure R-71. Minimum and Maximum of $(F_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-561. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-562. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	42.8	-816.	94.9	-79.5	94.6	-7.34E+03	3.11E+03
1/20	20.8	-378.	333.	-374.	329.	-7.89E+03	6.17E+03
1/15	70.6	-942.	1.52E+03	-701.	738.	-1.16E+04	1.00E+04
1/10	-1.48E+03	-19.5	1.35E+03	-12.9	1.29E+03	1.46E+04	2.76E+04

Table R-563. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-22.2	-68.8	24.4	-68.3	23.9	-2.77E+03	2.76E+03
1/20	-20.0	-440.	287.	-435.	283.	-8.30E+03	6.06E+03
1/15	-24.3	-750.	425.	-739.	412.	-1.07E+04	6.54E+03
1/10	-52.9	-1.93E+03	1.45E+03	-1.90E+03	1.42E+03	-1.85E+04	1.48E+04

TASK 2/DIFFRACTION/MODEL 5514

Table R-564. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-565. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-16.7	-64.9	31.1	-64.8	30.9	-2.89E+03	2.85E+03
1/20	-13.7	-433.	301.	-432.	299.	-8.37E+03	6.26E+03
1/15	-20.2	-741.	411.	-740.	408.	-1.08E+04	6.42E+03
1/10	-65.2	-1.88E+03	1.40E+03	-1.85E+03	1.39E+03	-1.79E+04	1.45E+04

Table R-566. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-16.7	-64.9	31.1	-64.8	30.9	-2.89E+03	2.85E+03
1/20	-13.7	-433.	301.	-432.	299.	-8.37E+03	6.26E+03
1/15	-20.2	-741.	411.	-740.	408.	-1.08E+04	6.42E+03
1/10	-65.2	-1.88E+03	1.40E+03	-1.85E+03	1.39E+03	-1.79E+04	1.45E+04

Table R-567. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-568. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

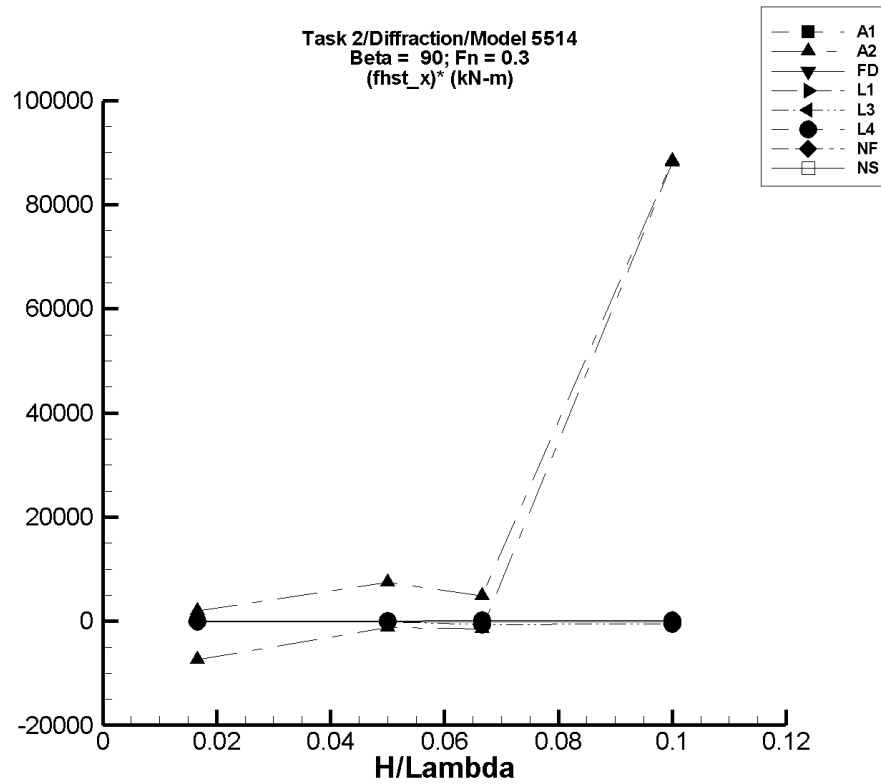


Figure R-72. Minimum and Maximum of $(F_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-569. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-570. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	38.3	-822.	71.8	-85.3	71.8	-7.41E+03	2.01E+03
1/20	36.6	-44.7	2.85E+03	-21.3	412.	-1.16E+03	7.50E+03
1/15	66.2	-54.0	482.	-29.7	386.	-1.44E+03	4.79E+03
1/10	-6.53E+03	2.29E+03	2.31E+03	2.29E+03	2.31E+03	8.82E+04	8.85E+04

Table R-571. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-22.2	-24.2	-21.1	-23.8	-21.2	-97.9	62.6
1/20	-23.9	-29.4	-21.2	-26.6	-21.4	-53.4	49.9
1/15	-22.8	-29.8	-15.6	-26.4	-16.2	-55.3	97.7
1/10	-17.3	-37.1	6.97	-34.6	5.38	-173.	227.

TASK 2/DIFFRACTION/MODEL 5514

Table R-572. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-573. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-16.6	-17.6	-15.6	-17.5	-15.7	-53.0	55.6
1/20	-18.9	-28.2	-13.4	-25.3	-15.3	-128.	71.6
1/15	-23.4	-68.6	-8.28	-66.3	-9.40	-642.	210.
1/10	-18.0	-92.0	25.1	-69.1	2.04	-511.	200.

Table R-574. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-16.6	-17.6	-15.6	-17.5	-15.7	-53.0	55.6
1/20	-18.9	-28.2	-13.4	-25.3	-15.3	-128.	71.6
1/15	-23.4	-68.6	-8.28	-66.3	-9.40	-642.	210.
1/10	-18.0	-92.0	25.1	-69.1	2.04	-511.	200.

Table R-575. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-576. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

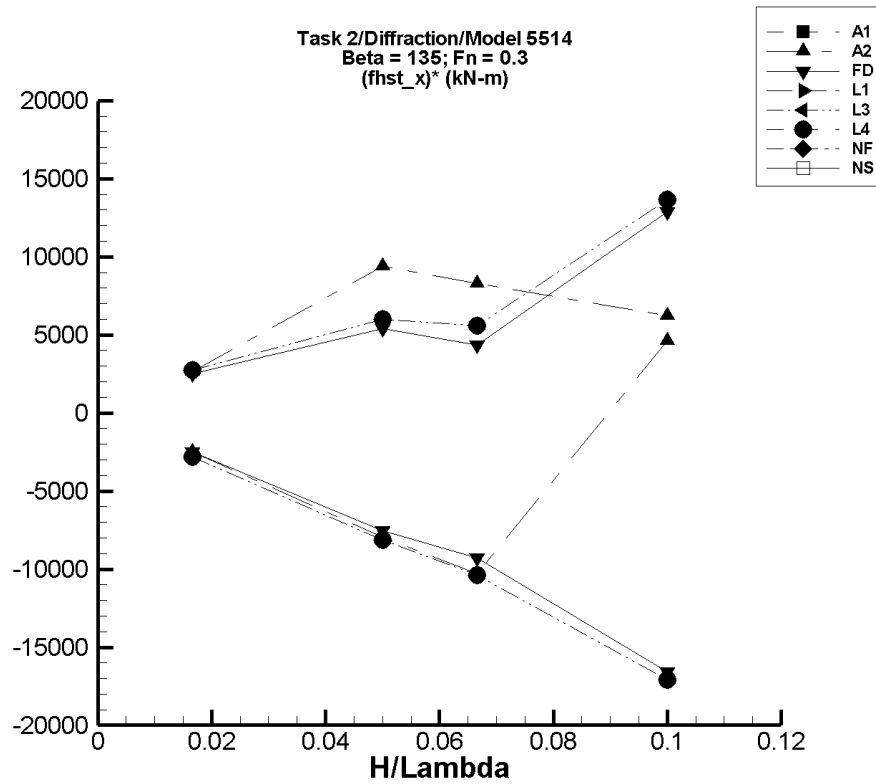


Figure R-73. Minimum and Maximum of $(F_x^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-577. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-578. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	47.1	0.101	94.9	5.72	91.1	-2.48E+03	2.64E+03
1/20	66.4	-377.	2.58E+03	-332.	536.	-7.98E+03	9.39E+03
1/15	74.4	-682.	748.	-612.	627.	-1.03E+04	8.29E+03
1/10	-113.	348.	509.	348.	509.	4.61E+03	6.22E+03

Table R-579. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-22.4	-68.8	24.3	-64.0	19.4	-2.49E+03	2.51E+03
1/20	-24.0	-440.	287.	-400.	245.	-7.53E+03	5.38E+03
1/15	-28.5	-747.	420.	-647.	262.	-9.28E+03	4.35E+03
1/10	-58.1	-1.93E+03	1.45E+03	-1.72E+03	1.23E+03	-1.66E+04	1.29E+04

TASK 2/DIFFRACTION/MODEL 5514

Table R-580. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-581. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-16.7	-64.9	31.0	-63.2	29.2	-2.79E+03	2.75E+03
1/20	-13.6	-433.	301.	-420.	286.	-8.12E+03	5.99E+03
1/15	-18.5	-740.	410.	-710.	355.	-1.04E+04	5.60E+03
1/10	-51.0	-1.86E+03	1.40E+03	-1.76E+03	1.31E+03	-1.71E+04	1.36E+04

Table R-582. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-16.7	-64.9	31.0	-63.2	29.2	-2.79E+03	2.75E+03
1/20	-13.6	-433.	301.	-420.	286.	-8.12E+03	5.99E+03
1/15	-18.5	-740.	410.	-710.	355.	-1.04E+04	5.60E+03
1/10	-51.0	-1.86E+03	1.40E+03	-1.76E+03	1.31E+03	-1.71E+04	1.36E+04

Table R-583. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-584. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

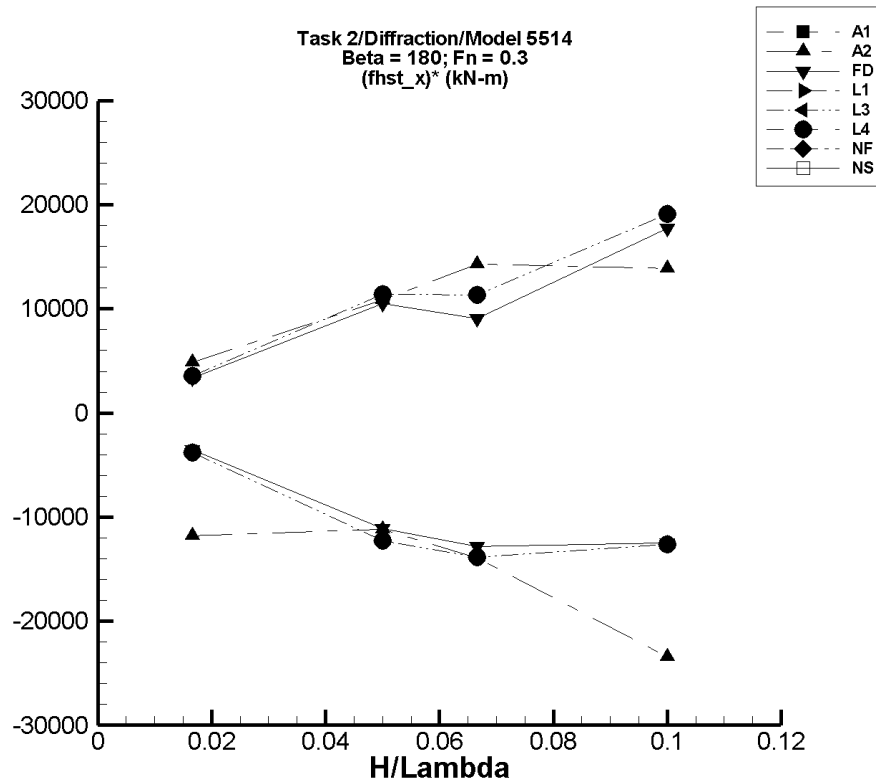


Figure R-74. Minimum and Maximum of $(F_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-585. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-586. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	36.8	-917.	127.	-160.	117.	-1.18E+04	4.83E+03
1/20	12.2	-615.	588.	-548.	554.	-1.12E+04	1.08E+04
1/15	47.3	-975.	1.03E+03	-879.	998.	-1.39E+04	1.43E+04
1/10	1.05E+03	-1.30E+03	7.26E+03	-1.30E+03	2.43E+03	-2.34E+04	1.39E+04

Table R-587. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-22.1	-93.0	40.9	-81.4	33.6	-3.56E+03	3.34E+03
1/20	-24.8	-666.	533.	-580.	501.	-1.11E+04	1.05E+04
1/15	-24.1	-995.	787.	-879.	578.	-1.28E+04	9.03E+03
1/10	-23.0	-1.41E+03	2.00E+03	-1.27E+03	1.75E+03	-1.25E+04	1.77E+04

TASK 2/DIFFRACTION/MODEL 5514

Table R-588. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-589. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-16.6	-84.2	46.0	-80.3	43.2	-3.82E+03	3.59E+03
1/20	-27.3	-661.	557.	-641.	543.	-1.23E+04	1.14E+04
1/15	-48.6	-997.	817.	-973.	706.	-1.39E+04	1.13E+04
1/10	-20.0	-1.38E+03	1.94E+03	-1.28E+03	1.89E+03	-1.26E+04	1.91E+04

Table R-590. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-16.6	-84.2	46.0	-80.3	43.2	-3.82E+03	3.59E+03
1/20	-27.3	-661.	557.	-641.	543.	-1.23E+04	1.14E+04
1/15	-48.6	-997.	817.	-973.	706.	-1.39E+04	1.13E+04
1/10	-20.0	-1.38E+03	1.94E+03	-1.28E+03	1.89E+03	-1.26E+04	1.91E+04

Table R–591. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–592. Minimum and Maximum of F_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{hst}} \rangle$	Unfiltered F_x^{hst}		Filtered F_x^{hst}		Filtered $(F_x^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

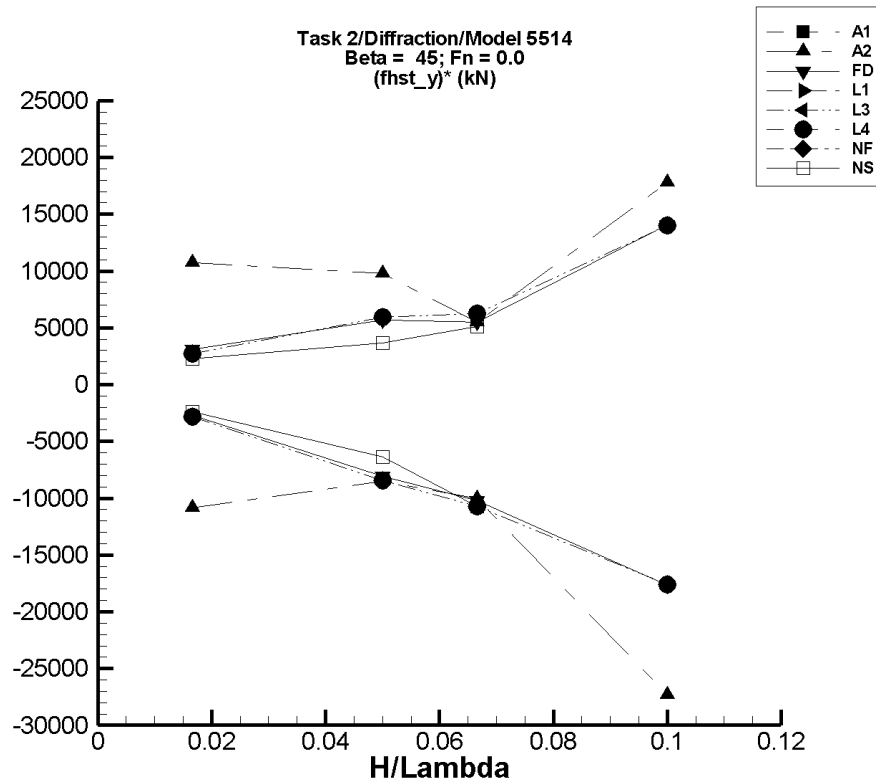


Figure R-75. Minimum and Maximum of $(F_y^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

Table R-593. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-594. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	1.35	-189.	184.	-180.	180.	-1.09E+04	1.07E+04
1/20	13.0	-456.	996.	-413.	503.	-8.52E+03	9.81E+03
1/15	35.3	-761.	2.07E+03	-634.	401.	-1.00E+04	5.49E+03
1/10	20.0	-8.11E+03	9.12E+03	-2.71E+03	1.80E+03	-2.73E+04	1.78E+04

Table R–595. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.143	-47.4	56.1	-45.4	51.3	-2.73E+03	3.07E+03
1/20	5.42	-425.	324.	-399.	291.	-8.09E+03	5.71E+03
1/15	2.87	-716.	445.	-676.	367.	-1.02E+04	5.46E+03
1/10	-40.2	-1.97E+03	1.47E+03	-1.81E+03	1.37E+03	-1.77E+04	1.41E+04

Table R–596. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-597. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	1.80E-02	-47.9	46.3	-47.4	45.5	-2.84E+03	2.73E+03
1/20	3.33	-425.	313.	-420.	300.	-8.48E+03	5.94E+03
1/15	-1.86	-739.	455.	-717.	413.	-1.07E+04	6.22E+03
1/10	-35.1	-1.89E+03	1.40E+03	-1.80E+03	1.37E+03	-1.76E+04	1.40E+04

Table R-598. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	1.80E-02	-47.9	46.3	-47.4	45.5	-2.84E+03	2.73E+03
1/20	3.33	-425.	313.	-420.	300.	-8.48E+03	5.94E+03
1/15	-1.86	-739.	455.	-717.	413.	-1.07E+04	6.22E+03
1/10	-35.1	-1.89E+03	1.40E+03	-1.80E+03	1.37E+03	-1.76E+04	1.40E+04

Table R-599. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-600. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.153	-41.3	39.7	-39.6	38.1	-2.37E+03	2.29E+03
1/20	-6.71	-325.	182.	-325.	175.	-6.36E+03	3.64E+03
1/15	-17.3	-737.	334.	-731.	326.	-1.07E+04	5.14E+03
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

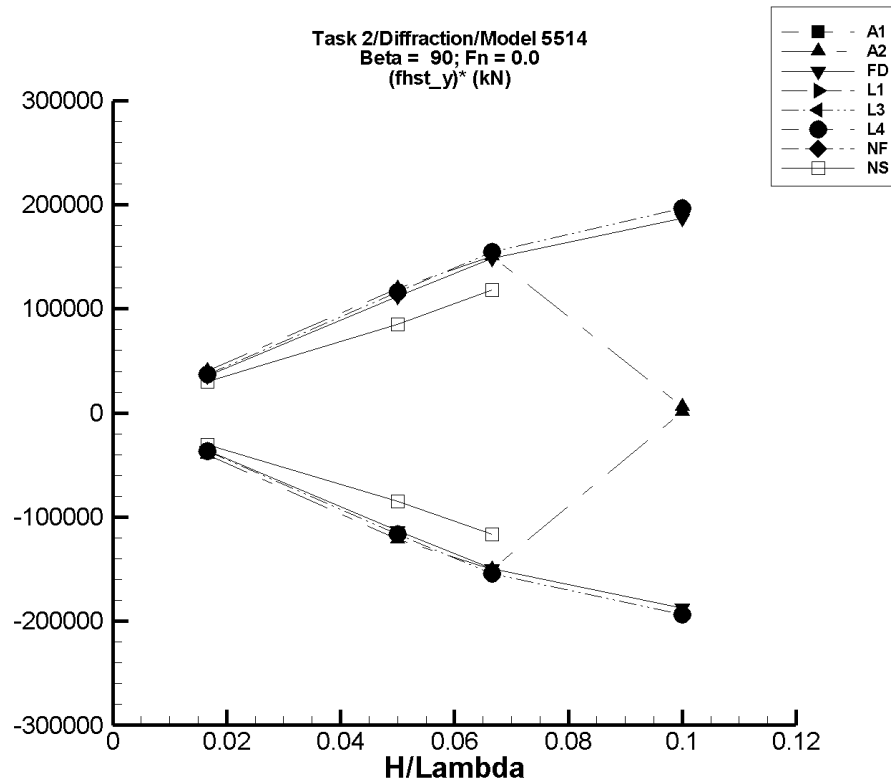


Figure R-76. Minimum and Maximum of $(F_y^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

Table R-601. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-602. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	1.11	-686.	738.	-666.	673.	-4.00E+04	4.03E+04
1/20	30.4	-6.34E+03	7.03E+03	-6.05E+03	5.99E+03	-1.22E+05	1.19E+05
1/15	-17.0	-1.06E+04	1.06E+04	-1.00E+04	1.00E+04	-1.50E+05	1.51E+05
1/10	-2.90E+03	-2.82E+03	-2.30E+03	-2.82E+03	-2.30E+03	827.	5.93E+03

Table R–603. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.258	-623.	623.	-597.	595.	-3.58E+04	3.57E+04
1/20	12.3	-5.88E+03	5.88E+03	-5.64E+03	5.62E+03	-1.13E+05	1.12E+05
1/15	23.9	-1.04E+04	1.04E+04	-9.93E+03	9.93E+03	-1.49E+05	1.49E+05
1/10	5.94	-2.02E+04	2.03E+04	-1.88E+04	1.87E+04	-1.88E+05	1.87E+05

Table R–604. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–605. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.309	-624.	624.	-614.	613.	-3.68E+04	3.68E+04
1/20	-1.87	-5.90E+03	5.90E+03	-5.81E+03	5.81E+03	-1.16E+05	1.16E+05
1/15	-10.1	-1.04E+04	1.04E+04	-1.03E+04	1.03E+04	-1.54E+05	1.54E+05
1/10	-139.	-2.01E+04	2.01E+04	-1.95E+04	1.95E+04	-1.94E+05	1.96E+05

Table R–606. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.309	-624.	624.	-614.	613.	-3.68E+04	3.68E+04
1/20	-1.87	-5.90E+03	5.90E+03	-5.81E+03	5.81E+03	-1.16E+05	1.16E+05
1/15	-10.1	-1.04E+04	1.04E+04	-1.03E+04	1.03E+04	-1.54E+05	1.54E+05
1/10	-139.	-2.01E+04	2.01E+04	-1.95E+04	1.95E+04	-1.94E+05	1.96E+05

Table R-607. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-608. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.353	-524.	526.	-505.	504.	-3.03E+04	3.03E+04
1/20	-12.0	-4.41E+03	4.44E+03	-4.25E+03	4.25E+03	-8.47E+04	8.53E+04
1/15	-34.7	-8.00E+03	8.05E+03	-7.81E+03	7.86E+03	-1.17E+05	1.18E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

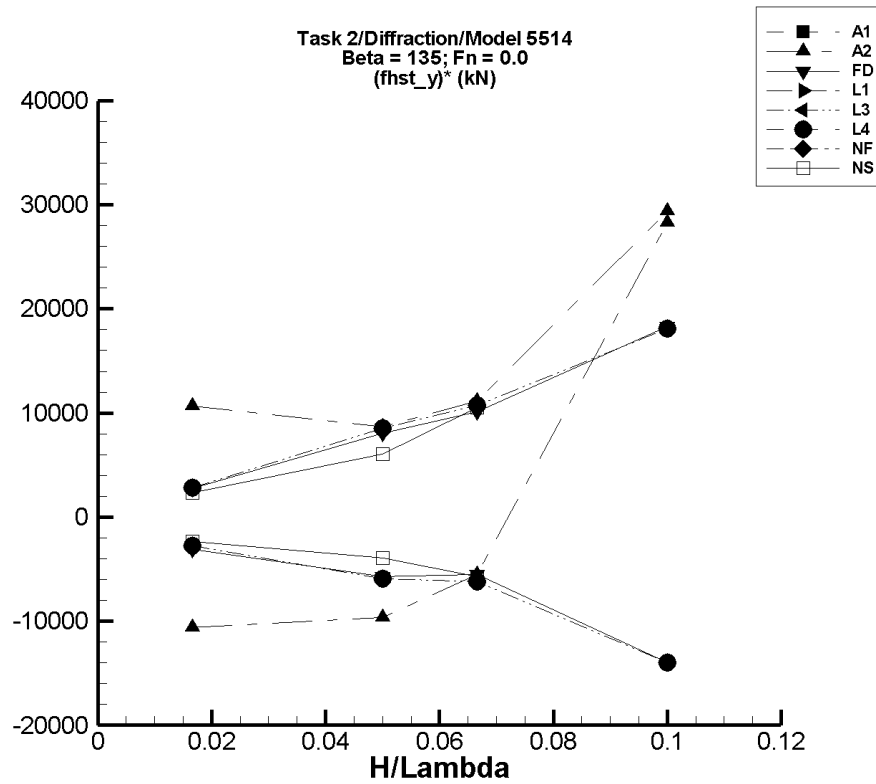


Figure R-77. Minimum and Maximum of $(F_y^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

Table R-609. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-610. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.819	-184.	255.	-176.	178.	-1.06E+04	1.06E+04
1/20	-20.3	-1.58E+03	454.	-502.	413.	-9.63E+03	8.67E+03
1/15	-1.30	-407.	765.	-369.	741.	-5.52E+03	1.11E+04
1/10	-3.48E+03	-653.	-541.	-653.	-541.	2.83E+04	2.94E+04

Table R–611. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.120	-56.3	47.4	-51.2	45.4	-3.08E+03	2.72E+03
1/20	-3.66	-325.	425.	-290.	399.	-5.73E+03	8.06E+03
1/15	2.94	-447.	718.	-366.	677.	-5.54E+03	1.01E+04
1/10	26.0	-1.47E+03	1.97E+03	-1.37E+03	1.86E+03	-1.40E+04	1.83E+04

Table R–612. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-613. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	5.06E-02	-46.4	47.9	-45.5	47.4	-2.73E+03	2.84E+03
1/20	-4.90	-312.	426.	-300.	421.	-5.91E+03	8.51E+03
1/15	2.13	-454.	740.	-413.	717.	-6.23E+03	1.07E+04
1/10	34.8	-1.40E+03	1.88E+03	-1.36E+03	1.84E+03	-1.40E+04	1.81E+04

Table R-614. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	5.06E-02	-46.4	47.9	-45.5	47.4	-2.73E+03	2.84E+03
1/20	-4.90	-312.	426.	-300.	421.	-5.91E+03	8.51E+03
1/15	2.13	-454.	740.	-413.	717.	-6.23E+03	1.07E+04
1/10	34.8	-1.40E+03	1.88E+03	-1.36E+03	1.84E+03	-1.40E+04	1.81E+04

Table R-615. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-616. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.186	-40.3	40.9	-38.7	39.2	-2.31E+03	2.36E+03
1/20	-6.76	-210.	309.	-204.	297.	-3.95E+03	6.07E+03
1/15	-18.0	-406.	698.	-398.	682.	-5.70E+03	1.05E+04
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

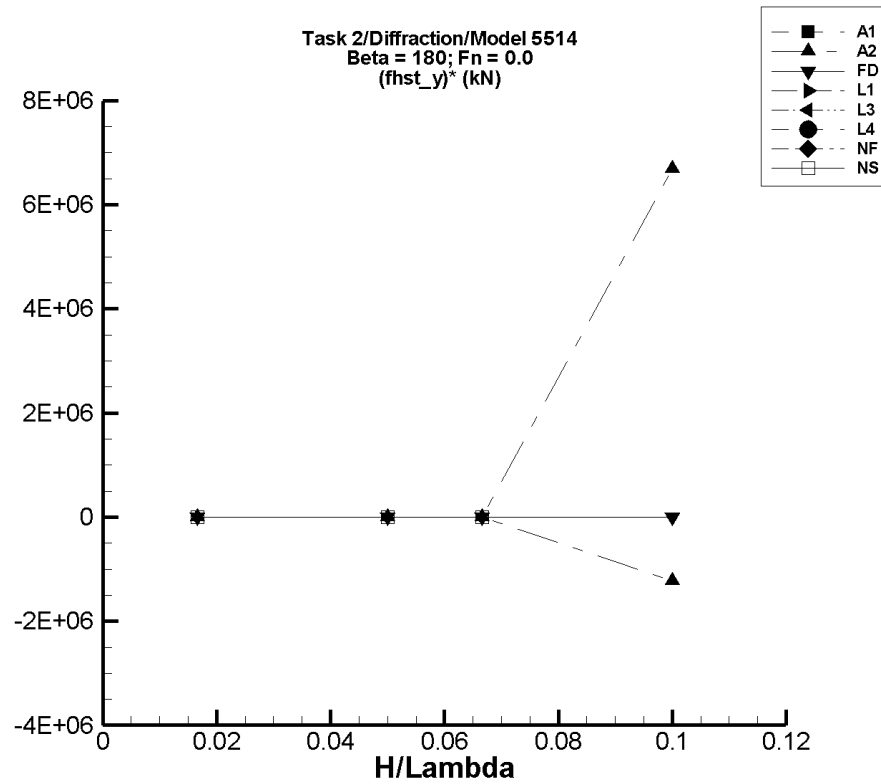


Figure R-78. Minimum and Maximum of $(F_y^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

Table R-617. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-618. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-3.21E-06	-9.35E-04	5.39E-04	-7.41E-05	1.34E-04	-4.25E-03	8.23E-03
1/20	6.95	-1.22	1.18E+03	-13.5	157.	-408.	3.00E+03
1/15	10.9	-3.37E-02	759.	-8.85	126.	-296.	1.72E+03
1/10	6.02E+04	-1.32E+04	5.46E+06	-6.22E+04	7.29E+05	-1.22E+06	6.69E+06

Table R-619. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.79E-05	-7.24E-04	4.78E-04	-1.03E-04	3.79E-05	-5.08E-03	3.35E-03
1/20	-2.22E-04	-3.69E-03	6.93E-04	-8.06E-04	3.52E-04	-1.17E-02	1.15E-02
1/15	-3.44E-04	-8.06E-03	5.30E-03	-1.20E-03	3.27E-04	-1.28E-02	1.01E-02
1/10	-2.79E-04	-1.62E-02	9.01E-04	-2.35E-03	3.03E-04	-2.07E-02	5.82E-03

Table R-620. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-621. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-622. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-623. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-624. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-9.27E-05	-1.86E-03	1.68E-03	-6.06E-04	1.03E-03	-3.08E-02	6.74E-02
1/20	-2.67E-04	-2.66E-03	2.33E-03	-9.09E-04	4.92E-04	-1.28E-02	1.52E-02
1/15	-2.02E-05	-2.85E-03	3.26E-03	-9.01E-04	1.22E-03	-1.32E-02	1.87E-02
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

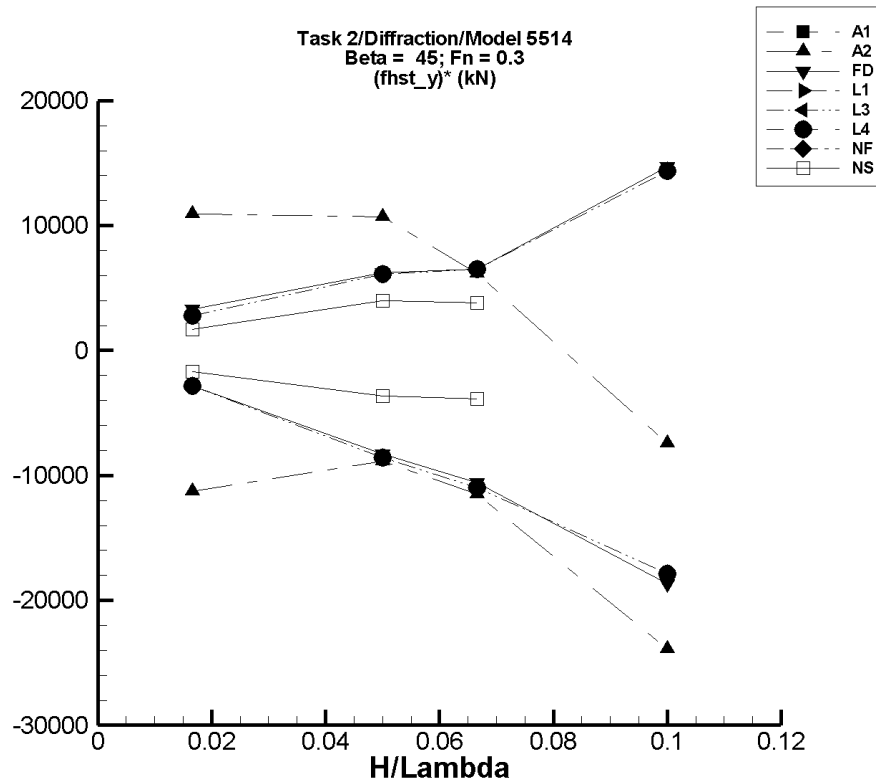


Figure R-79. Minimum and Maximum of $(F_y^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

Table R-625. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-626. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.649	-190.	184.	-187.	183.	-1.13E+04	1.09E+04
1/20	-0.163	-910.	1.58E+03	-443.	536.	-8.85E+03	1.07E+04
1/15	7.93	-781.	2.07E+03	-760.	418.	-1.15E+04	6.15E+03
1/10	2.28E+03	-140.	2.42E+03	-108.	1.53E+03	-2.39E+04	-7.45E+03

Table R-627. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.85E-02	-47.3	56.4	-47.1	54.9	-2.82E+03	3.29E+03
1/20	3.79	-426.	327.	-411.	314.	-8.29E+03	6.21E+03
1/15	-1.96	-723.	450.	-707.	430.	-1.06E+04	6.48E+03
1/10	-36.7	-1.97E+03	1.46E+03	-1.90E+03	1.44E+03	-1.86E+04	1.47E+04

Table R-628. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–629. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.55E-02	-47.9	46.3	-47.8	46.0	-2.87E+03	2.76E+03
1/20	5.66	-427.	312.	-423.	310.	-8.58E+03	6.08E+03
1/15	3.26	-741.	455.	-731.	439.	-1.10E+04	6.53E+03
1/10	-46.1	-1.89E+03	1.40E+03	-1.83E+03	1.39E+03	-1.79E+04	1.44E+04

Table R–630. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.55E-02	-47.9	46.3	-47.8	46.0	-2.87E+03	2.76E+03
1/20	5.66	-427.	312.	-423.	310.	-8.58E+03	6.08E+03
1/15	3.26	-741.	455.	-731.	439.	-1.10E+04	6.53E+03
1/10	-46.1	-1.89E+03	1.40E+03	-1.83E+03	1.39E+03	-1.79E+04	1.44E+04

Table R-631. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-632. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-3.44E-02	-29.5	29.8	-28.3	28.6	-1.70E+03	1.72E+03
1/20	-2.56	-190.	205.	-184.	196.	-3.62E+03	3.97E+03
1/15	-4.53	-264.	257.	-261.	251.	-3.85E+03	3.83E+03
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

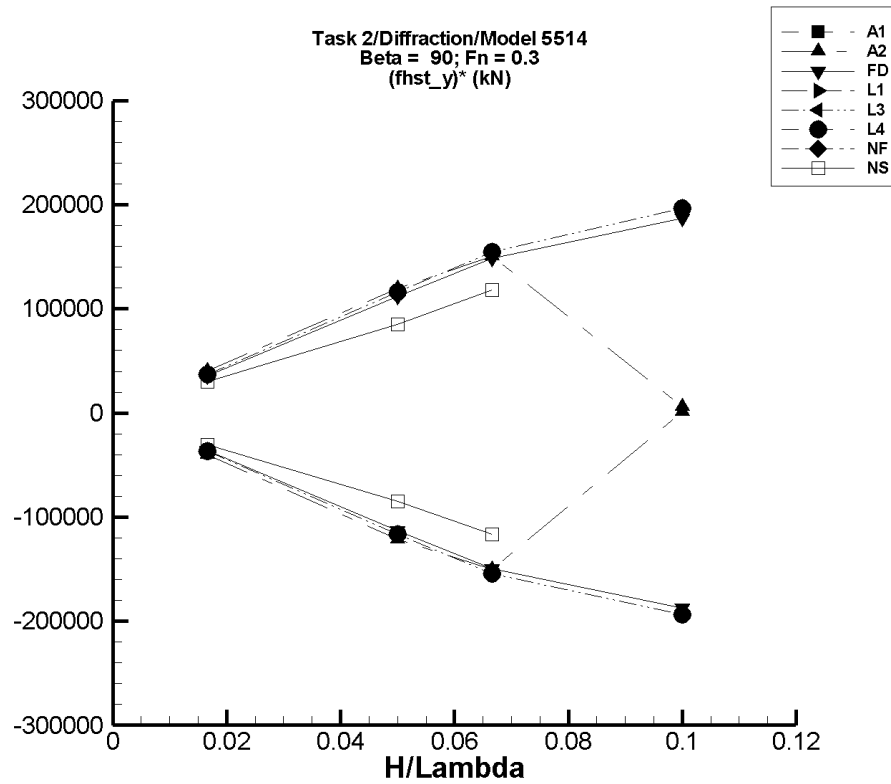


Figure R-80. Minimum and Maximum of $(F_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

Table R-633. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-634. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	1.11	-686.	738.	-666.	673.	-4.00E+04	4.03E+04
1/20	30.4	-6.34E+03	7.03E+03	-6.05E+03	5.99E+03	-1.22E+05	1.19E+05
1/15	-17.0	-1.06E+04	1.06E+04	-1.00E+04	1.00E+04	-1.50E+05	1.51E+05
1/10	-2.90E+03	-2.82E+03	-2.30E+03	-2.82E+03	-2.30E+03	827.	5.93E+03

Table R–635. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.259	-623.	623.	-597.	595.	-3.58E+04	3.57E+04
1/20	12.3	-5.88E+03	5.88E+03	-5.64E+03	5.62E+03	-1.13E+05	1.12E+05
1/15	23.9	-1.04E+04	1.04E+04	-9.93E+03	9.93E+03	-1.49E+05	1.49E+05
1/10	5.95	-2.02E+04	2.03E+04	-1.88E+04	1.87E+04	-1.88E+05	1.87E+05

Table R–636. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-637. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.305	-624.	624.	-614.	613.	-3.68E+04	3.68E+04
1/20	-1.87	-5.90E+03	5.90E+03	-5.81E+03	5.81E+03	-1.16E+05	1.16E+05
1/15	-10.1	-1.04E+04	1.04E+04	-1.03E+04	1.03E+04	-1.54E+05	1.54E+05
1/10	-139.	-2.01E+04	2.01E+04	-1.95E+04	1.95E+04	-1.94E+05	1.96E+05

Table R-638. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.305	-624.	624.	-614.	613.	-3.68E+04	3.68E+04
1/20	-1.87	-5.90E+03	5.90E+03	-5.81E+03	5.81E+03	-1.16E+05	1.16E+05
1/15	-10.1	-1.04E+04	1.04E+04	-1.03E+04	1.03E+04	-1.54E+05	1.54E+05
1/10	-139.	-2.01E+04	2.01E+04	-1.95E+04	1.95E+04	-1.94E+05	1.96E+05

Table R-639. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-640. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.362	-524.	525.	-505.	504.	-3.03E+04	3.03E+04
1/20	-12.2	-4.41E+03	4.43E+03	-4.25E+03	4.26E+03	-8.47E+04	8.54E+04
1/15	-34.7	-8.00E+03	8.05E+03	-7.81E+03	7.86E+03	-1.17E+05	1.18E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

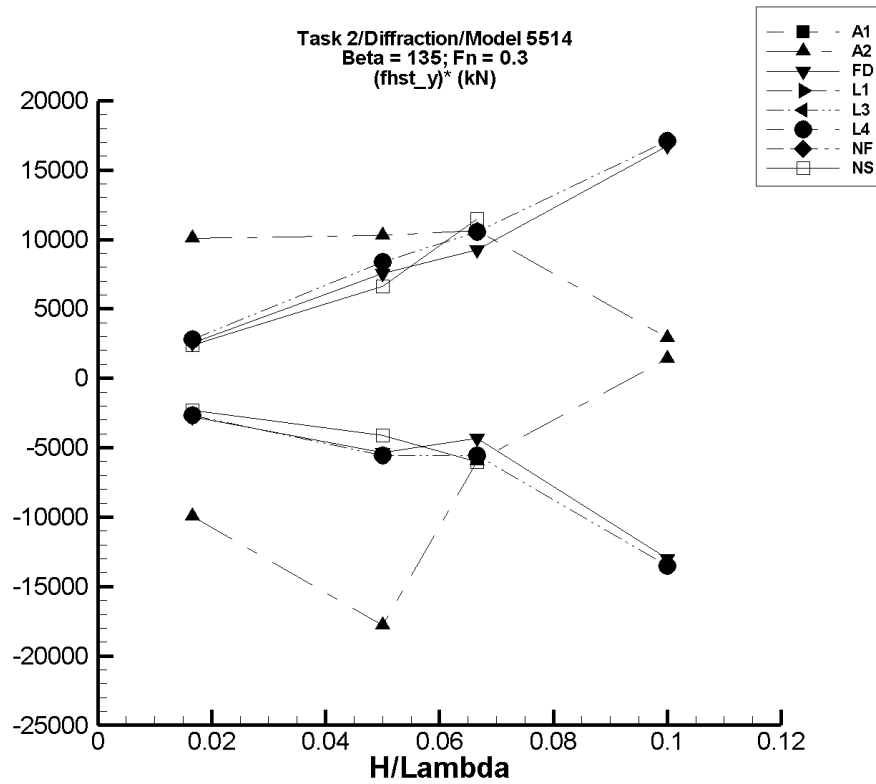


Figure R-81. Minimum and Maximum of $(F_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

Table R-641. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-642. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.124	-184.	189.	-166.	168.	-9.96E+03	1.01E+04
1/20	-157.	-6.88E+03	454.	-1.05E+03	356.	-1.78E+04	1.03E+04
1/15	30.6	-403.	2.11E+03	-368.	741.	-5.98E+03	1.07E+04
1/10	-729.	-587.	-441.	-587.	-441.	1.42E+03	2.88E+03

Table R-643. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.158	-56.4	47.3	-46.0	42.7	-2.77E+03	2.55E+03
1/20	0.464	-319.	425.	-266.	377.	-5.34E+03	7.53E+03
1/15	5.51	-440.	716.	-282.	621.	-4.32E+03	9.23E+03
1/10	42.0	-1.44E+03	1.94E+03	-1.26E+03	1.72E+03	-1.30E+04	1.68E+04

Table R-644. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-645. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.35E-02	-46.0	47.9	-44.4	46.7	-2.66E+03	2.80E+03
1/20	-5.52	-313.	427.	-283.	413.	-5.55E+03	8.36E+03
1/15	-4.89	-451.	737.	-374.	697.	-5.54E+03	1.05E+04
1/10	31.7	-1.39E+03	1.88E+03	-1.32E+03	1.74E+03	-1.35E+04	1.71E+04

Table R-646. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.35E-02	-46.0	47.9	-44.4	46.7	-2.66E+03	2.80E+03
1/20	-5.52	-313.	427.	-283.	413.	-5.55E+03	8.36E+03
1/15	-4.89	-451.	737.	-374.	697.	-5.54E+03	1.05E+04
1/10	31.7	-1.39E+03	1.88E+03	-1.32E+03	1.74E+03	-1.35E+04	1.71E+04

Table R-647. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-648. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.207	-40.6	41.5	-39.1	39.8	-2.33E+03	2.40E+03
1/20	-7.46	-222.	336.	-215.	323.	-4.14E+03	6.60E+03
1/15	-19.4	-430.	762.	-422.	745.	-6.04E+03	1.15E+04
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

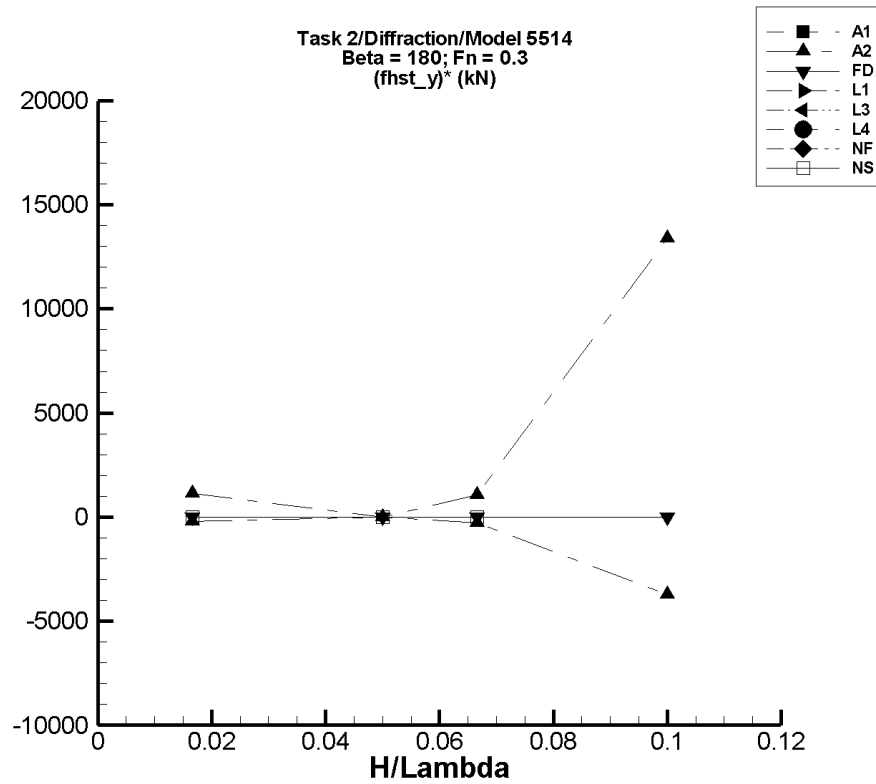


Figure R-82. Minimum and Maximum of $(F_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

Table R-649. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-650. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	1.91	-5.26E-04	157.	-1.79	20.9	-222.	1.14E+03
1/20	-5.13E-04	-1.33E-02	2.35E-02	-2.33E-03	1.63E-03	-3.63E-02	4.28E-02
1/15	11.4	-2.50	615.	-7.02	81.6	-276.	1.05E+03
1/10	313.	-1.59E+03	1.27E+04	-58.7	1.65E+03	-3.72E+03	1.34E+04

Table R–651. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	3.16E-04	-1.76E-03	2.87E-03	-5.24E-04	1.94E-03	-5.04E-02	9.72E-02
1/20	4.30E-06	-8.83E-03	1.14E-02	-3.22E-03	3.97E-03	-6.44E-02	7.93E-02
1/15	4.40E-05	-2.52E-02	2.18E-02	-5.64E-03	6.15E-03	-8.53E-02	9.17E-02
1/10	3.36E-03	-3.21E-02	5.15E-02	-6.41E-03	1.66E-02	-9.78E-02	0.133

Table R–652. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-653. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-654. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-655. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-656. Minimum and Maximum of F_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{hst}} \rangle$	Unfiltered F_y^{hst}		Filtered F_y^{hst}		Filtered $(F_y^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-4.64E-05	-1.62E-03	1.64E-03	-7.11E-04	5.83E-04	-3.99E-02	3.78E-02
1/20	-1.76E-04	-2.66E-03	2.64E-03	-9.86E-04	7.01E-04	-1.62E-02	1.75E-02
1/15	-6.77E-05	-3.47E-03	3.92E-03	-1.31E-03	1.01E-03	-1.86E-02	1.61E-02
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

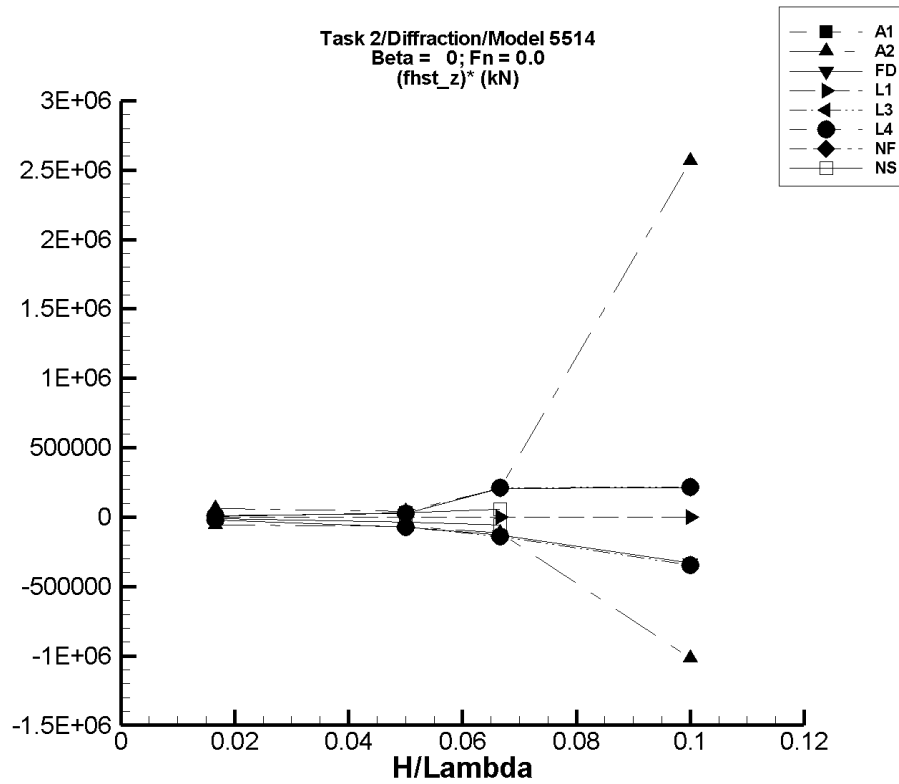


Figure R-83. Minimum and Maximum of $(F_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0.

Table R-657. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—
1/20	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—
1/15	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—
1/10	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—

Table R-658. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.02E+04	9.23E+04	9.03E+04	9.23E+04	-5.95E+04	6.09E+04
1/20	8.62E+04	8.27E+04	8.83E+04	8.28E+04	8.82E+04	-6.85E+04	3.88E+04
1/15	8.49E+04	7.62E+04	9.98E+04	7.72E+04	9.87E+04	-1.15E+05	2.07E+05
1/10	1.02E+05	1.30E+04	2.34E+06	655.	3.59E+05	-1.02E+06	2.56E+06

Table R-659. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.16E+04	9.12E+04	9.17E+04	9.12E+04	9.17E+04	-2.13E+04	7.54E+03
1/20	8.71E+04	8.34E+04	8.84E+04	8.35E+04	8.84E+04	-7.30E+04	2.54E+04
1/15	8.65E+04	7.72E+04	1.03E+05	7.78E+04	1.00E+05	-1.30E+05	2.08E+05
1/10	8.87E+04	5.36E+04	1.17E+05	5.56E+04	1.10E+05	-3.32E+05	2.10E+05

Table R-660. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	17.8	17.8
1/20	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	5.94	5.94
1/15	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	4.45	4.45
1/10	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	2.97	2.97

Table R-661. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.10E+04	9.15E+04	9.10E+04	9.15E+04	-2.25E+04	7.47E+03
1/20	8.70E+04	8.32E+04	8.82E+04	8.33E+04	8.82E+04	-7.38E+04	2.37E+04
1/15	8.64E+04	7.69E+04	1.02E+05	7.72E+04	1.00E+05	-1.38E+05	2.12E+05
1/10	8.84E+04	5.31E+04	1.13E+05	5.38E+04	1.10E+05	-3.46E+05	2.16E+05

Table R-662. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.10E+04	9.15E+04	9.10E+04	9.15E+04	-2.25E+04	7.47E+03
1/20	8.70E+04	8.32E+04	8.82E+04	8.33E+04	8.82E+04	-7.38E+04	2.37E+04
1/15	8.64E+04	7.69E+04	1.02E+05	7.72E+04	1.00E+05	-1.38E+05	2.12E+05
1/10	8.84E+04	5.31E+04	1.13E+05	5.38E+04	1.10E+05	-3.46E+05	2.16E+05

Table R-663. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-664. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.16E+04	9.14E+04	9.17E+04	9.14E+04	9.17E+04	-1.15E+04	6.10E+03
1/20	8.51E+04	8.33E+04	8.67E+04	8.33E+04	8.67E+04	-3.45E+04	3.19E+04
1/15	8.12E+04	7.72E+04	8.51E+04	7.73E+04	8.51E+04	-5.92E+04	5.83E+04
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

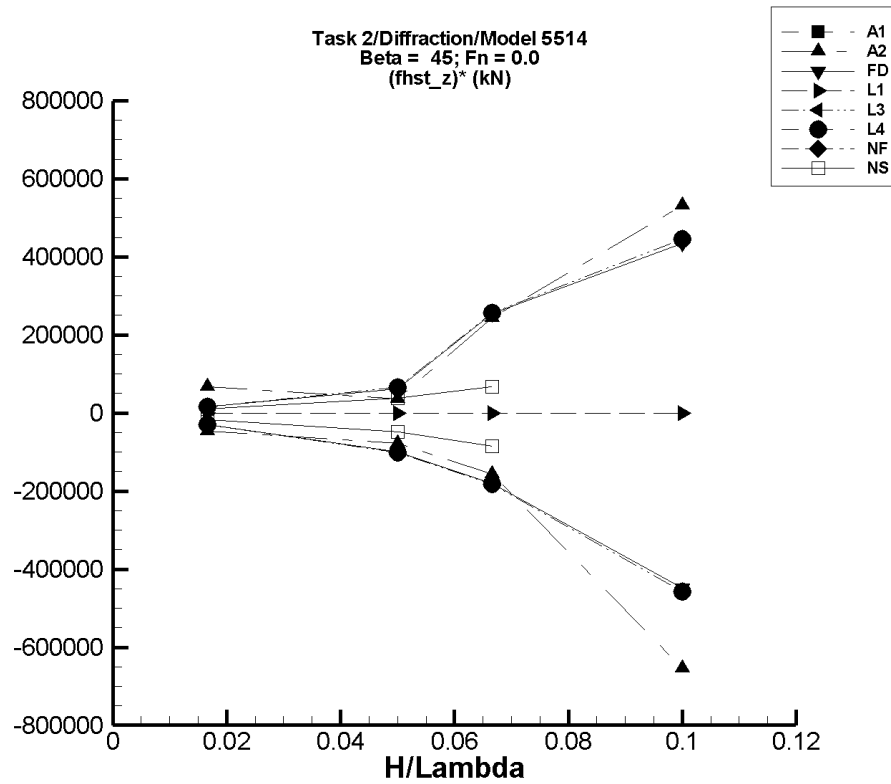


Figure R-84. Minimum and Maximum of $(F_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

Table R-665. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—
1/20	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—
1/15	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—
1/10	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—

Table R-666. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.04E+04	9.24E+04	9.05E+04	9.24E+04	-4.58E+04	6.73E+04
1/20	8.63E+04	8.22E+04	8.81E+04	8.23E+04	8.80E+04	-7.84E+04	3.56E+04
1/15	8.53E+04	7.45E+04	1.02E+05	7.49E+04	1.02E+05	-1.57E+05	2.44E+05
1/10	8.44E+04	7.78E+03	1.80E+05	1.91E+04	1.38E+05	-6.53E+05	5.32E+05

Table R-667. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.16E+04	9.11E+04	9.18E+04	9.11E+04	9.18E+04	-2.95E+04	1.51E+04
1/20	8.72E+04	8.20E+04	9.04E+04	8.22E+04	9.03E+04	-1.00E+05	6.24E+04
1/15	8.67E+04	7.44E+04	1.04E+05	7.48E+04	1.04E+05	-1.80E+05	2.55E+05
1/10	8.87E+04	4.25E+04	1.34E+05	4.38E+04	1.32E+05	-4.49E+05	4.34E+05

Table R-668. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	16.4	16.4
1/20	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	5.47	5.47
1/15	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	4.10	4.10
1/10	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	2.73	2.73

Table R-669. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.08E+04	9.16E+04	9.08E+04	9.16E+04	-3.09E+04	1.57E+04
1/20	8.70E+04	8.18E+04	9.03E+04	8.19E+04	9.03E+04	-1.02E+05	6.57E+04
1/15	8.65E+04	7.42E+04	1.04E+05	7.43E+04	1.03E+05	-1.82E+05	2.55E+05
1/10	8.85E+04	4.20E+04	1.38E+05	4.28E+04	1.33E+05	-4.57E+05	4.46E+05

Table R-670. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.08E+04	9.16E+04	9.08E+04	9.16E+04	-3.09E+04	1.57E+04
1/20	8.70E+04	8.18E+04	9.03E+04	8.19E+04	9.03E+04	-1.02E+05	6.57E+04
1/15	8.65E+04	7.42E+04	1.04E+05	7.43E+04	1.03E+05	-1.82E+05	2.55E+05
1/10	8.85E+04	4.20E+04	1.38E+05	4.28E+04	1.33E+05	-4.57E+05	4.46E+05

Table R-671. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-672. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.16E+04	9.13E+04	9.18E+04	9.13E+04	9.18E+04	-1.73E+04	1.06E+04
1/20	8.54E+04	8.29E+04	8.74E+04	8.30E+04	8.73E+04	-4.91E+04	3.82E+04
1/15	8.20E+04	7.61E+04	8.65E+04	7.63E+04	8.65E+04	-8.57E+04	6.76E+04
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

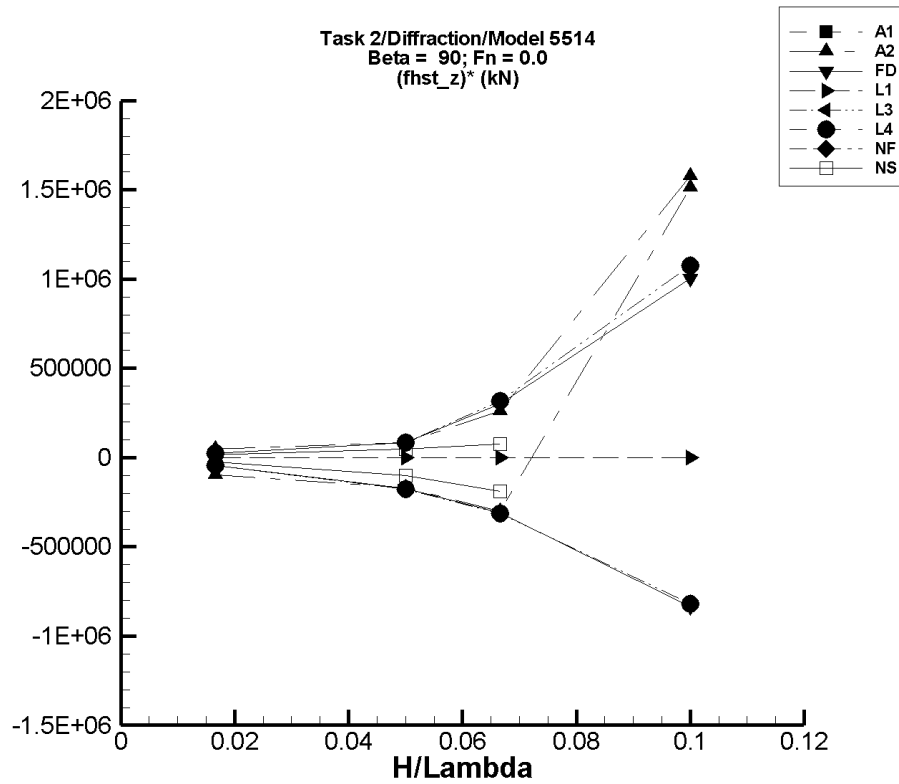


Figure R-85. Minimum and Maximum of $(F_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

Table R-673. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—
1/20	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—
1/15	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—
1/10	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—

Table R-674. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	8.96E+04	9.21E+04	8.96E+04	9.20E+04	-9.80E+04	4.64E+04
1/20	8.63E+04	7.77E+04	9.07E+04	7.79E+04	9.05E+04	-1.68E+05	8.40E+04
1/15	8.50E+04	6.40E+04	1.05E+05	6.47E+04	1.02E+05	-3.03E+05	2.60E+05
1/10	3.64E+04	1.88E+05	1.94E+05	1.88E+05	1.94E+05	1.51E+06	1.58E+06

Table R-675. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.16E+04	9.08E+04	9.19E+04	9.08E+04	9.19E+04	-4.41E+04	2.20E+04
1/20	8.71E+04	7.81E+04	9.14E+04	7.84E+04	9.13E+04	-1.74E+05	8.47E+04
1/15	8.62E+04	6.48E+04	1.08E+05	6.54E+04	1.06E+05	-3.11E+05	3.01E+05
1/10	8.71E+04	4.67E+03	1.97E+05	3.69E+03	1.88E+05	-8.34E+05	1.00E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R-676. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	21.1	21.1
1/20	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	7.03	7.03
1/15	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	5.27	5.27
1/10	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	3.52	3.52

Table R-677. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.06E+04	9.17E+04	9.06E+04	9.17E+04	-4.59E+04	2.32E+04
1/20	8.69E+04	7.80E+04	9.11E+04	7.81E+04	9.11E+04	-1.77E+05	8.49E+04
1/15	8.60E+04	6.47E+04	1.08E+05	6.49E+04	1.07E+05	-3.15E+05	3.16E+05
1/10	8.63E+04	4.57E+03	2.05E+05	4.44E+03	1.94E+05	-8.19E+05	1.08E+06

Table R-678. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.06E+04	9.17E+04	9.06E+04	9.17E+04	-4.59E+04	2.32E+04
1/20	8.69E+04	7.80E+04	9.11E+04	7.81E+04	9.11E+04	-1.77E+05	8.49E+04
1/15	8.60E+04	6.47E+04	1.08E+05	6.49E+04	1.07E+05	-3.15E+05	3.16E+05
1/10	8.63E+04	4.57E+03	2.05E+05	4.44E+03	1.94E+05	-8.19E+05	1.08E+06

Table R-679. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-680. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.16E+04	9.12E+04	9.19E+04	9.12E+04	9.19E+04	-2.36E+04	1.46E+04
1/20	8.57E+04	8.05E+04	8.81E+04	8.08E+04	8.81E+04	-9.92E+04	4.70E+04
1/15	8.25E+04	6.95E+04	8.77E+04	6.98E+04	8.77E+04	-1.91E+05	7.66E+04
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

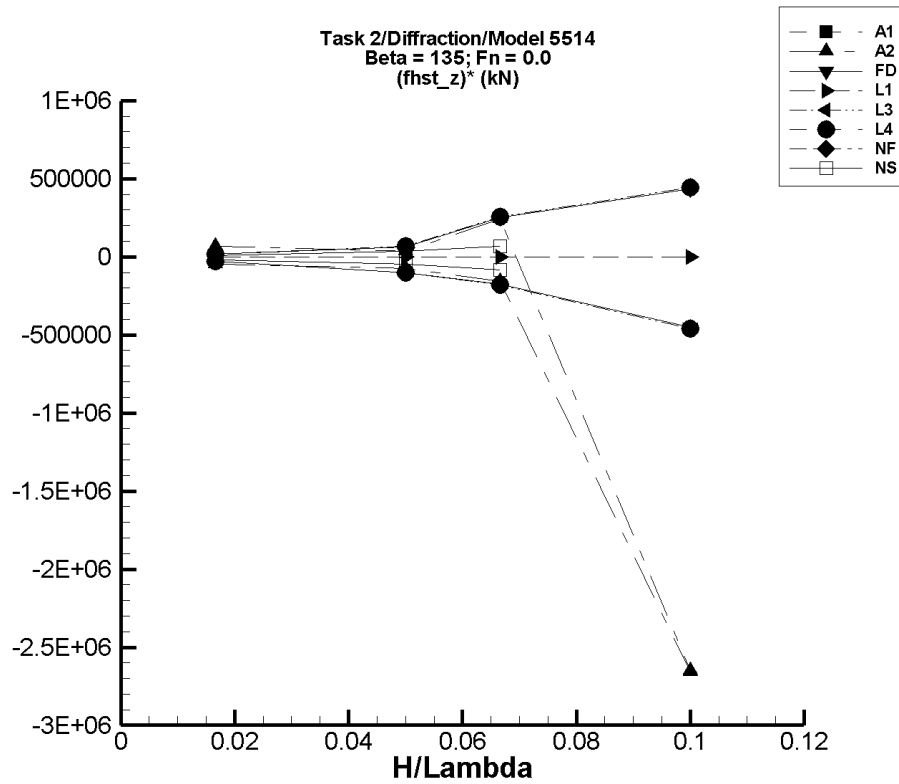


Figure R-86. Minimum and Maximum of $(F_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

Table R–681. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—
1/20	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—
1/15	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—
1/10	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—

Table R–682. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.04E+04	9.24E+04	9.05E+04	9.24E+04	-4.58E+04	6.64E+04
1/20	8.63E+04	8.22E+04	8.81E+04	8.26E+04	8.80E+04	-7.51E+04	3.46E+04
1/15	8.54E+04	7.46E+04	1.02E+05	7.48E+04	1.01E+05	-1.59E+05	2.40E+05
1/10	3.06E+05	3.98E+04	4.10E+04	3.98E+04	4.10E+04	-2.66E+06	-2.65E+06

Table R–683. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.16E+04	9.11E+04	9.18E+04	9.11E+04	9.18E+04	-2.92E+04	1.52E+04
1/20	8.72E+04	8.20E+04	9.04E+04	8.22E+04	9.03E+04	-1.00E+05	6.26E+04
1/15	8.66E+04	7.44E+04	1.04E+05	7.48E+04	1.03E+05	-1.77E+05	2.50E+05
1/10	8.88E+04	4.24E+04	1.34E+05	4.38E+04	1.32E+05	-4.50E+05	4.33E+05

Table R-684. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	19.7	19.7
1/20	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	6.56	6.56
1/15	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	4.92	4.92
1/10	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	3.28	3.28

Table R-685. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.08E+04	9.16E+04	9.08E+04	9.16E+04	-3.08E+04	1.58E+04
1/20	8.70E+04	8.18E+04	9.03E+04	8.19E+04	9.03E+04	-1.03E+05	6.54E+04
1/15	8.64E+04	7.42E+04	1.04E+05	7.43E+04	1.03E+05	-1.82E+05	2.55E+05
1/10	8.86E+04	4.21E+04	1.37E+05	4.28E+04	1.33E+05	-4.58E+05	4.42E+05

Table R-686. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.08E+04	9.16E+04	9.08E+04	9.16E+04	-3.08E+04	1.58E+04
1/20	8.70E+04	8.18E+04	9.03E+04	8.19E+04	9.03E+04	-1.03E+05	6.54E+04
1/15	8.64E+04	7.42E+04	1.04E+05	7.43E+04	1.03E+05	-1.82E+05	2.55E+05
1/10	8.86E+04	4.21E+04	1.37E+05	4.28E+04	1.33E+05	-4.58E+05	4.42E+05

Table R-687. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-688. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.16E+04	9.13E+04	9.18E+04	9.13E+04	9.18E+04	-1.74E+04	1.03E+04
1/20	8.54E+04	8.29E+04	8.74E+04	8.30E+04	8.73E+04	-4.91E+04	3.78E+04
1/15	8.20E+04	7.61E+04	8.65E+04	7.63E+04	8.64E+04	-8.58E+04	6.68E+04
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

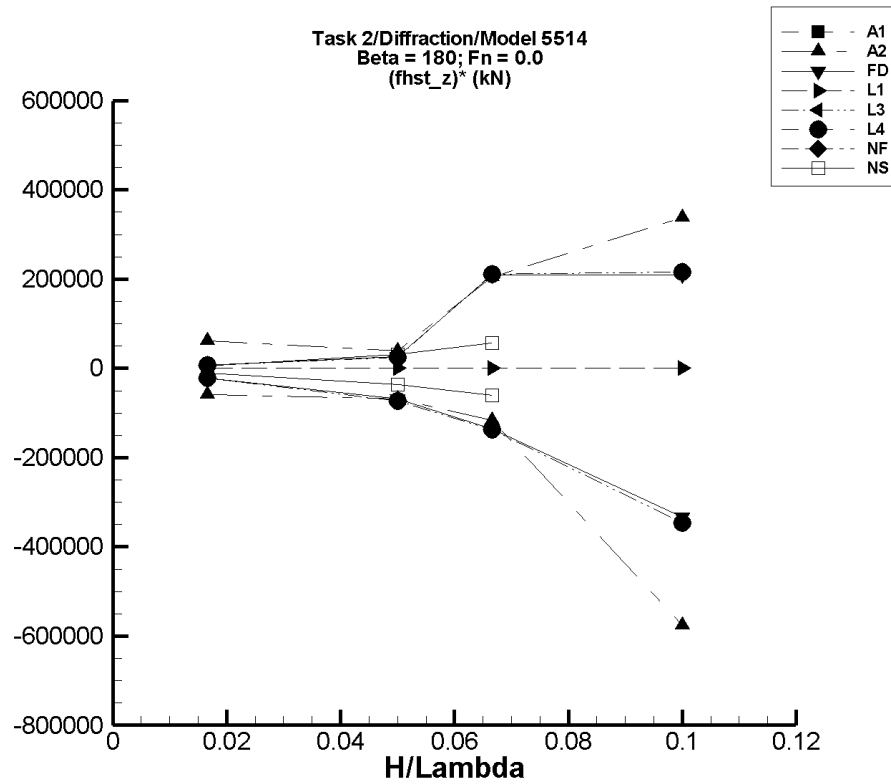


Figure R-87. Minimum and Maximum of $(F_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

Table R-689. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—
1/20	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—
1/15	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—
1/10	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—

Table R-690. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.02E+04	9.23E+04	9.03E+04	9.23E+04	-5.94E+04	6.10E+04
1/20	8.63E+04	8.27E+04	8.83E+04	8.28E+04	8.82E+04	-6.92E+04	3.84E+04
1/15	8.50E+04	7.62E+04	9.98E+04	7.72E+04	9.87E+04	-1.17E+05	2.04E+05
1/10	7.26E+04	-2.26E+05	1.12E+05	1.50E+04	1.06E+05	-5.76E+05	3.38E+05

Table R-691. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.16E+04	9.12E+04	9.17E+04	9.12E+04	9.17E+04	-2.15E+04	7.30E+03
1/20	8.71E+04	8.34E+04	8.84E+04	8.36E+04	8.84E+04	-6.90E+04	2.57E+04
1/15	8.64E+04	7.71E+04	1.03E+05	7.73E+04	1.00E+05	-1.37E+05	2.09E+05
1/10	8.89E+04	5.36E+04	1.13E+05	5.56E+04	1.10E+05	-3.33E+05	2.09E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-692. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	17.8	17.8
1/20	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	5.94	5.94
1/15	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	4.45	4.45
1/10	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	2.97	2.97

Table R-693. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.10E+04	9.15E+04	9.10E+04	9.15E+04	-2.26E+04	7.29E+03
1/20	8.70E+04	8.32E+04	8.82E+04	8.33E+04	8.82E+04	-7.35E+04	2.42E+04
1/15	8.63E+04	7.69E+04	1.02E+05	7.72E+04	1.00E+05	-1.38E+05	2.11E+05
1/10	8.84E+04	5.29E+04	1.13E+05	5.38E+04	1.10E+05	-3.46E+05	2.16E+05

Table R-694. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.10E+04	9.15E+04	9.10E+04	9.15E+04	-2.26E+04	7.29E+03
1/20	8.70E+04	8.32E+04	8.82E+04	8.33E+04	8.82E+04	-7.35E+04	2.42E+04
1/15	8.63E+04	7.69E+04	1.02E+05	7.72E+04	1.00E+05	-1.38E+05	2.11E+05
1/10	8.84E+04	5.29E+04	1.13E+05	5.38E+04	1.10E+05	-3.46E+05	2.16E+05

Table R-695. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-696. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.16E+04	9.14E+04	9.17E+04	9.14E+04	9.17E+04	-1.14E+04	6.18E+03
1/20	8.51E+04	8.33E+04	8.67E+04	8.33E+04	8.66E+04	-3.59E+04	3.11E+04
1/15	8.12E+04	7.72E+04	8.51E+04	7.72E+04	8.50E+04	-6.09E+04	5.70E+04
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

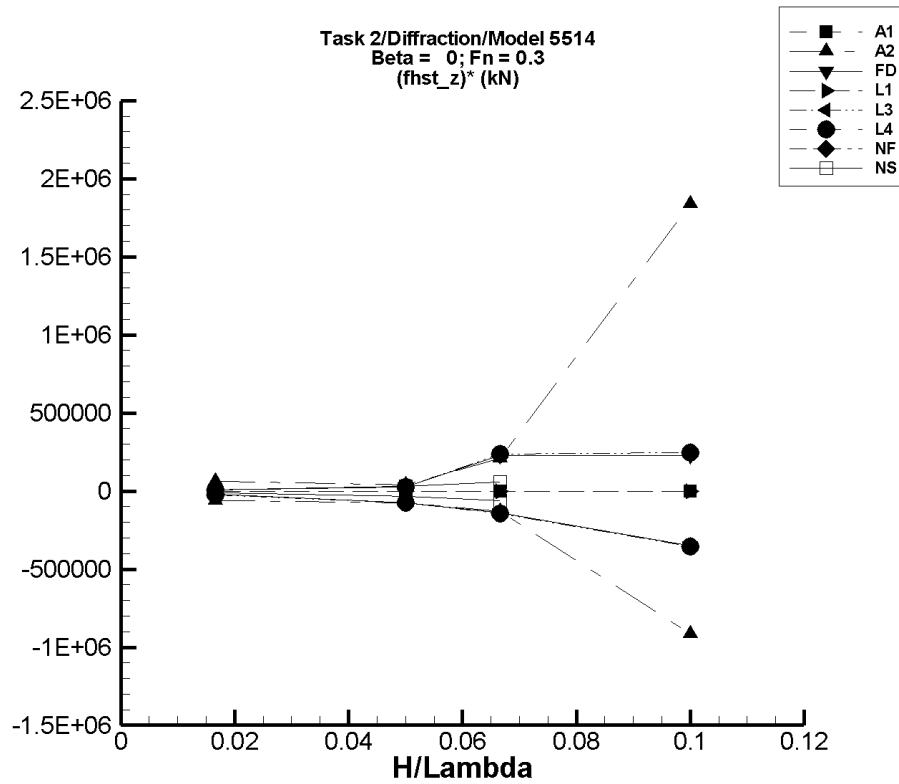


Figure R-88. Minimum and Maximum of $(F_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-697. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	7.03	7.03
1/20	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	2.34	2.34
1/15	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	1.76	1.76
1/10	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	1.17	1.17

Table R-698. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.02E+04	9.23E+04	9.02E+04	9.23E+04	-6.13E+04	6.27E+04
1/20	8.63E+04	8.27E+04	8.83E+04	8.26E+04	8.83E+04	-7.33E+04	3.96E+04
1/15	8.50E+04	7.55E+04	9.99E+04	7.64E+04	9.91E+04	-1.30E+05	2.11E+05
1/10	7.99E+04	-7.17E+05	2.75E+06	-1.17E+04	2.64E+05	-9.15E+05	1.84E+06

Table R-699. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.16E+04	9.12E+04	9.17E+04	9.12E+04	9.17E+04	-2.24E+04	7.49E+03
1/20	8.71E+04	8.34E+04	8.84E+04	8.34E+04	8.84E+04	-7.44E+04	2.54E+04
1/15	8.64E+04	7.71E+04	1.03E+05	7.72E+04	1.02E+05	-1.39E+05	2.27E+05
1/10	8.90E+04	5.36E+04	1.19E+05	5.38E+04	1.12E+05	-3.53E+05	2.28E+05

Table R-700. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	44.5	44.5
1/20	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	14.8	14.8
1/15	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	11.1	11.1
1/10	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	7.42	7.42

Table R-701. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.10E+04	9.15E+04	9.10E+04	9.15E+04	-2.30E+04	7.28E+03
1/20	8.70E+04	8.32E+04	8.82E+04	8.32E+04	8.82E+04	-7.51E+04	2.39E+04
1/15	8.64E+04	7.69E+04	1.02E+05	7.69E+04	1.02E+05	-1.42E+05	2.37E+05
1/10	8.85E+04	5.29E+04	1.14E+05	5.31E+04	1.13E+05	-3.53E+05	2.48E+05

Table R-702. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.10E+04	9.15E+04	9.10E+04	9.15E+04	-2.30E+04	7.28E+03
1/20	8.70E+04	8.32E+04	8.82E+04	8.32E+04	8.82E+04	-7.51E+04	2.39E+04
1/15	8.64E+04	7.69E+04	1.02E+05	7.69E+04	1.02E+05	-1.42E+05	2.37E+05
1/10	8.85E+04	5.29E+04	1.14E+05	5.31E+04	1.13E+05	-3.53E+05	2.48E+05

Table R-703. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-704. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.16E+04	9.14E+04	9.17E+04	9.14E+04	9.17E+04	-1.15E+04	6.10E+03
1/20	8.51E+04	8.33E+04	8.67E+04	8.33E+04	8.67E+04	-3.46E+04	3.19E+04
1/15	8.12E+04	7.72E+04	8.51E+04	7.73E+04	8.51E+04	-5.92E+04	5.83E+04
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

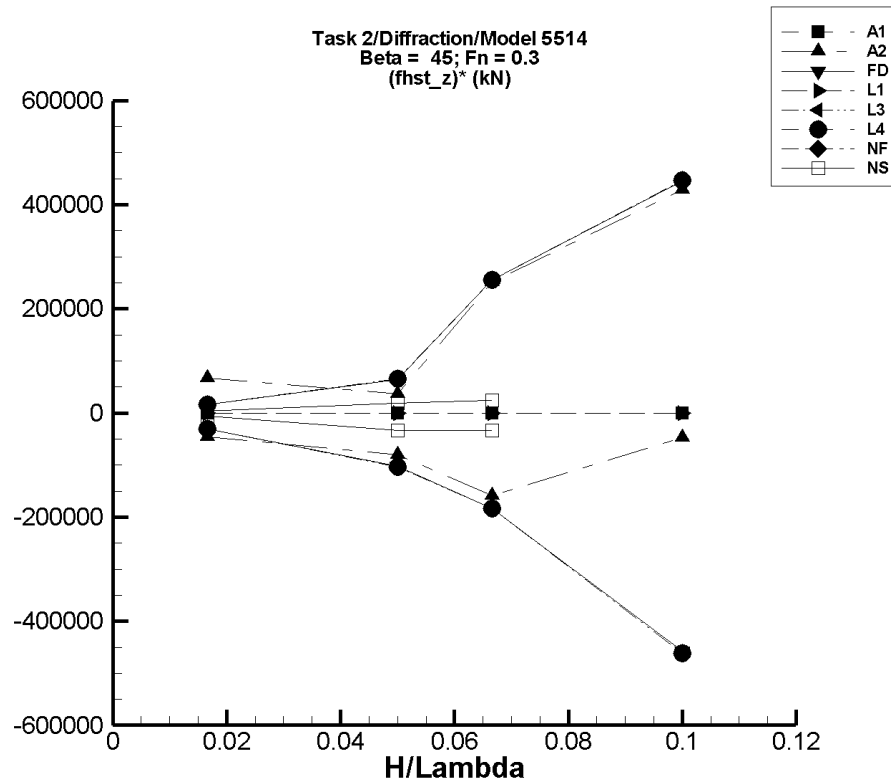


Figure R-89. Minimum and Maximum of $(F_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-705. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	-7.03	-7.03
1/20	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	-2.34	-2.34
1/15	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	-1.76	-1.76
1/10	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	-1.17	-1.17

Table R-706. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.04E+04	9.24E+04	9.05E+04	9.24E+04	-4.61E+04	6.70E+04
1/20	8.63E+04	8.16E+04	8.81E+04	8.23E+04	8.81E+04	-8.01E+04	3.64E+04
1/15	8.52E+04	7.45E+04	1.02E+05	7.46E+04	1.02E+05	-1.58E+05	2.51E+05
1/10	5.00E+04	4.35E+04	9.24E+04	4.53E+04	9.30E+04	-4.78E+04	4.30E+05

Table R-707. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.16E+04	9.11E+04	9.18E+04	9.11E+04	9.18E+04	-3.06E+04	1.55E+04
1/20	8.72E+04	8.20E+04	9.04E+04	8.20E+04	9.04E+04	-1.03E+05	6.46E+04
1/15	8.67E+04	7.44E+04	1.04E+05	7.45E+04	1.04E+05	-1.83E+05	2.56E+05
1/10	8.87E+04	4.21E+04	1.34E+05	4.30E+04	1.33E+05	-4.57E+05	4.45E+05

Table R-708. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	-9.37	-9.37
1/20	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	-3.12	-3.12
1/15	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	-2.34	-2.34
1/10	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	-1.56	-1.56

Table R-709. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.08E+04	9.16E+04	9.08E+04	9.16E+04	-3.13E+04	1.59E+04
1/20	8.70E+04	8.18E+04	9.03E+04	8.18E+04	9.03E+04	-1.04E+05	6.59E+04
1/15	8.65E+04	7.42E+04	1.04E+05	7.42E+04	1.04E+05	-1.84E+05	2.56E+05
1/10	8.85E+04	4.20E+04	1.38E+05	4.23E+04	1.33E+05	-4.62E+05	4.47E+05

Table R-710. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.08E+04	9.16E+04	9.08E+04	9.16E+04	-3.13E+04	1.59E+04
1/20	8.70E+04	8.18E+04	9.03E+04	8.18E+04	9.03E+04	-1.04E+05	6.59E+04
1/15	8.65E+04	7.42E+04	1.04E+05	7.42E+04	1.04E+05	-1.84E+05	2.56E+05
1/10	8.85E+04	4.20E+04	1.38E+05	4.23E+04	1.33E+05	-4.62E+05	4.47E+05

Table R-711. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-712. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.18E+04	9.17E+04	9.19E+04	9.17E+04	9.19E+04	-5.94E+03	4.23E+03
1/20	8.92E+04	8.74E+04	9.01E+04	8.75E+04	9.01E+04	-3.31E+04	1.89E+04
1/15	8.60E+04	8.37E+04	8.76E+04	8.38E+04	8.76E+04	-3.30E+04	2.42E+04
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

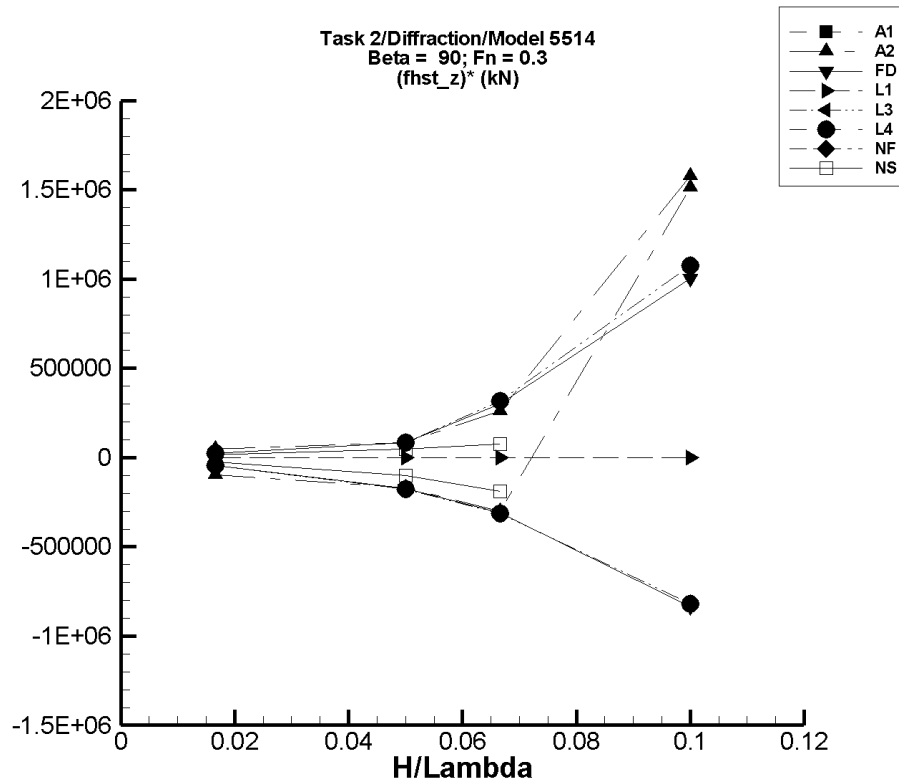


Figure R-90. Minimum and Maximum of $(F_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

Table R-713. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—
1/20	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—
1/15	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—
1/10	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	—	—

Table R-714. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	8.96E+04	9.21E+04	8.96E+04	9.20E+04	-9.80E+04	4.64E+04
1/20	8.63E+04	7.77E+04	9.07E+04	7.79E+04	9.05E+04	-1.68E+05	8.40E+04
1/15	8.50E+04	6.40E+04	1.05E+05	6.47E+04	1.02E+05	-3.03E+05	2.60E+05
1/10	3.64E+04	1.88E+05	1.94E+05	1.88E+05	1.94E+05	1.51E+06	1.58E+06

Table R-715. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.16E+04	9.08E+04	9.19E+04	9.08E+04	9.19E+04	-4.41E+04	2.20E+04
1/20	8.71E+04	7.81E+04	9.14E+04	7.84E+04	9.13E+04	-1.74E+05	8.47E+04
1/15	8.62E+04	6.48E+04	1.08E+05	6.54E+04	1.06E+05	-3.11E+05	3.01E+05
1/10	8.71E+04	4.67E+03	1.97E+05	3.69E+03	1.88E+05	-8.34E+05	1.00E+06

Table R-716. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	21.1	21.1
1/20	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	7.03	7.03
1/15	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	5.27	5.27
1/10	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	3.52	3.52

Table R-717. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.06E+04	9.17E+04	9.06E+04	9.17E+04	-4.59E+04	2.32E+04
1/20	8.69E+04	7.80E+04	9.11E+04	7.81E+04	9.11E+04	-1.77E+05	8.49E+04
1/15	8.60E+04	6.47E+04	1.08E+05	6.49E+04	1.07E+05	-3.15E+05	3.16E+05
1/10	8.63E+04	4.57E+03	2.05E+05	4.44E+03	1.94E+05	-8.19E+05	1.08E+06

Table R-718. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.06E+04	9.17E+04	9.06E+04	9.17E+04	-4.59E+04	2.32E+04
1/20	8.69E+04	7.80E+04	9.11E+04	7.81E+04	9.11E+04	-1.77E+05	8.49E+04
1/15	8.60E+04	6.47E+04	1.08E+05	6.49E+04	1.07E+05	-3.15E+05	3.16E+05
1/10	8.63E+04	4.57E+03	2.05E+05	4.44E+03	1.94E+05	-8.19E+05	1.08E+06

Table R-719. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-720. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.16E+04	9.12E+04	9.19E+04	9.12E+04	9.19E+04	-2.37E+04	1.46E+04
1/20	8.57E+04	8.05E+04	8.81E+04	8.07E+04	8.81E+04	-9.93E+04	4.70E+04
1/15	8.25E+04	6.95E+04	8.77E+04	6.98E+04	8.77E+04	-1.91E+05	7.66E+04
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

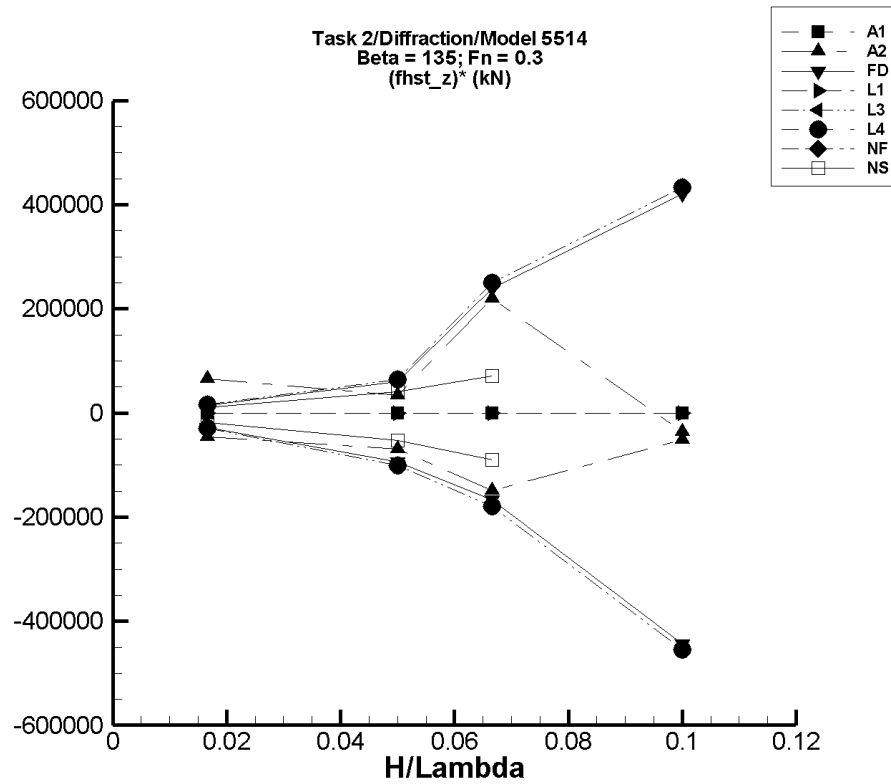


Figure R-91. Minimum and Maximum of $(F_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

Table R-721. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{hst}} \rangle$	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	-3.75	-3.75
1/20	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	-1.25	-1.25
1/15	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	-0.937	-0.937
1/10	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	-0.625	-0.625

Table R-722. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{hst}} \rangle$	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.05E+04	9.24E+04	9.05E+04	9.24E+04	-4.54E+04	6.54E+04
1/20	8.63E+04	8.22E+04	8.81E+04	8.28E+04	8.80E+04	-6.99E+04	3.42E+04
1/15	8.53E+04	7.45E+04	1.02E+05	7.54E+04	1.00E+05	-1.49E+05	2.20E+05
1/10	4.42E+04	3.90E+04	4.06E+04	3.90E+04	4.06E+04	-5.14E+04	-3.59E+04

Table R-723. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{hst}} \rangle$	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.16E+04	9.11E+04	9.18E+04	9.11E+04	9.18E+04	-2.79E+04	1.46E+04
1/20	8.71E+04	8.20E+04	9.04E+04	8.25E+04	9.02E+04	-9.38E+04	6.04E+04
1/15	8.65E+04	7.44E+04	1.04E+05	7.54E+04	1.02E+05	-1.68E+05	2.39E+05
1/10	8.88E+04	4.21E+04	1.34E+05	4.45E+04	1.31E+05	-4.44E+05	4.21E+05

Table R-724. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	7.03	7.03
1/20	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	2.34	2.34
1/15	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	1.76	1.76
1/10	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	1.17	1.17

Table R-725. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.08E+04	9.16E+04	9.08E+04	9.16E+04	-3.01E+04	1.56E+04
1/20	8.70E+04	8.18E+04	9.03E+04	8.19E+04	9.02E+04	-1.01E+05	6.41E+04
1/15	8.65E+04	7.42E+04	1.04E+05	7.45E+04	1.03E+05	-1.80E+05	2.49E+05
1/10	8.87E+04	4.21E+04	1.37E+05	4.32E+04	1.32E+05	-4.54E+05	4.33E+05

Table R-726. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.08E+04	9.16E+04	9.08E+04	9.16E+04	-3.01E+04	1.56E+04
1/20	8.70E+04	8.18E+04	9.03E+04	8.19E+04	9.02E+04	-1.01E+05	6.41E+04
1/15	8.65E+04	7.42E+04	1.04E+05	7.45E+04	1.03E+05	-1.80E+05	2.49E+05
1/10	8.87E+04	4.21E+04	1.37E+05	4.32E+04	1.32E+05	-4.54E+05	4.33E+05

Table R-727. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-728. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.16E+04	9.13E+04	9.18E+04	9.13E+04	9.18E+04	-1.87E+04	1.09E+04
1/20	8.52E+04	8.25E+04	8.73E+04	8.26E+04	8.72E+04	-5.21E+04	4.04E+04
1/15	8.16E+04	7.54E+04	8.63E+04	7.56E+04	8.63E+04	-9.00E+04	7.12E+04
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

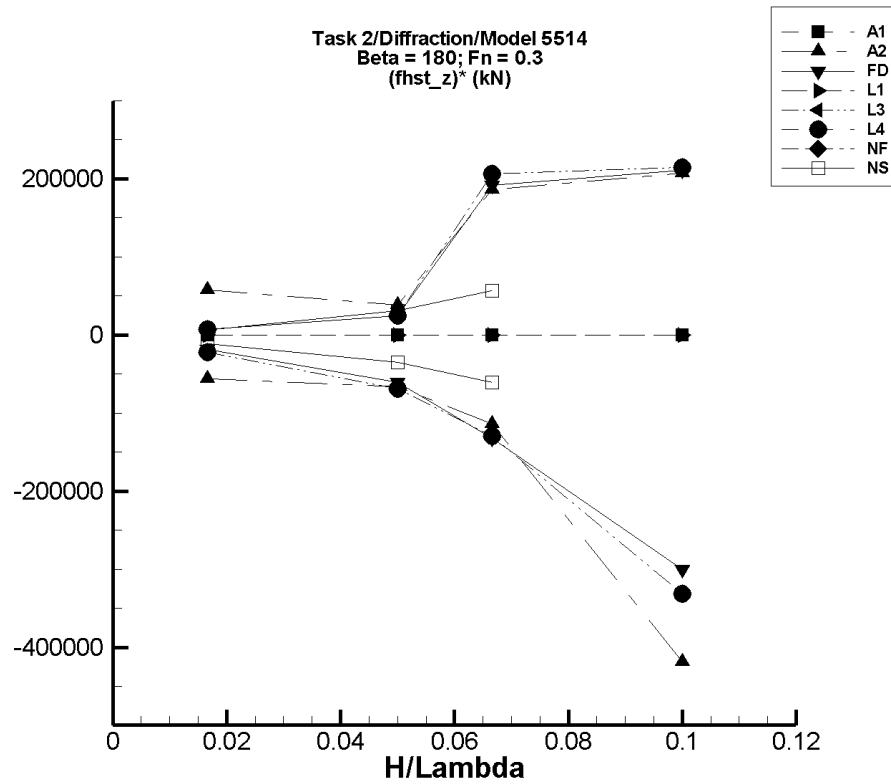


Figure R-92. Minimum and Maximum of $(F_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

Table R-729. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	-2.34	-2.34
1/20	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	-0.781	-0.781
1/15	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	-0.586	-0.586
1/10	9.20E+04	9.20E+04	9.20E+04	9.20E+04	9.20E+04	-0.391	-0.391

Table R-730. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.02E+04	9.23E+04	9.03E+04	9.22E+04	-5.62E+04	5.78E+04
1/20	8.62E+04	8.27E+04	8.83E+04	8.29E+04	8.81E+04	-6.67E+04	3.83E+04
1/15	8.51E+04	7.62E+04	9.97E+04	7.75E+04	9.75E+04	-1.14E+05	1.86E+05
1/10	7.67E+04	1.43E+04	1.11E+05	3.49E+04	9.74E+04	-4.19E+05	2.07E+05

Table R-731. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.16E+04	9.12E+04	9.17E+04	9.13E+04	9.17E+04	-1.89E+04	7.40E+03
1/20	8.71E+04	8.34E+04	8.84E+04	8.41E+04	8.84E+04	-6.05E+04	2.48E+04
1/15	8.65E+04	7.71E+04	1.03E+05	7.77E+04	9.93E+04	-1.33E+05	1.92E+05
1/10	8.87E+04	5.36E+04	1.19E+05	5.87E+04	1.10E+05	-3.01E+05	2.11E+05

Table R-732. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	13.6	13.6
1/20	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	4.53	4.53
1/15	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	3.40	3.40
1/10	9.18E+04	9.18E+04	9.18E+04	9.18E+04	9.18E+04	2.27	2.27

Table R-733. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.10E+04	9.15E+04	9.10E+04	9.15E+04	-2.20E+04	7.02E+03
1/20	8.69E+04	8.32E+04	8.82E+04	8.35E+04	8.82E+04	-6.89E+04	2.47E+04
1/15	8.61E+04	7.69E+04	1.02E+05	7.74E+04	9.98E+04	-1.30E+05	2.06E+05
1/10	8.85E+04	5.31E+04	1.14E+05	5.54E+04	1.10E+05	-3.31E+05	2.15E+05

Table R-734. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.13E+04	9.10E+04	9.15E+04	9.10E+04	9.15E+04	-2.20E+04	7.02E+03
1/20	8.69E+04	8.32E+04	8.82E+04	8.35E+04	8.82E+04	-6.89E+04	2.47E+04
1/15	8.61E+04	7.69E+04	1.02E+05	7.74E+04	9.98E+04	-1.30E+05	2.06E+05
1/10	8.85E+04	5.31E+04	1.14E+05	5.54E+04	1.10E+05	-3.31E+05	2.15E+05

Table R-735. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-736. Minimum and Maximum of F_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{hst}} \rangle$ Mean (kN)	Unfiltered F_z^{hst}		Filtered F_z^{hst}		Filtered $(F_z^{\text{hst}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.16E+04	9.14E+04	9.17E+04	9.14E+04	9.17E+04	-1.14E+04	6.19E+03
1/20	8.51E+04	8.33E+04	8.67E+04	8.33E+04	8.66E+04	-3.54E+04	3.11E+04
1/15	8.12E+04	7.72E+04	8.51E+04	7.72E+04	8.50E+04	-6.09E+04	5.70E+04
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

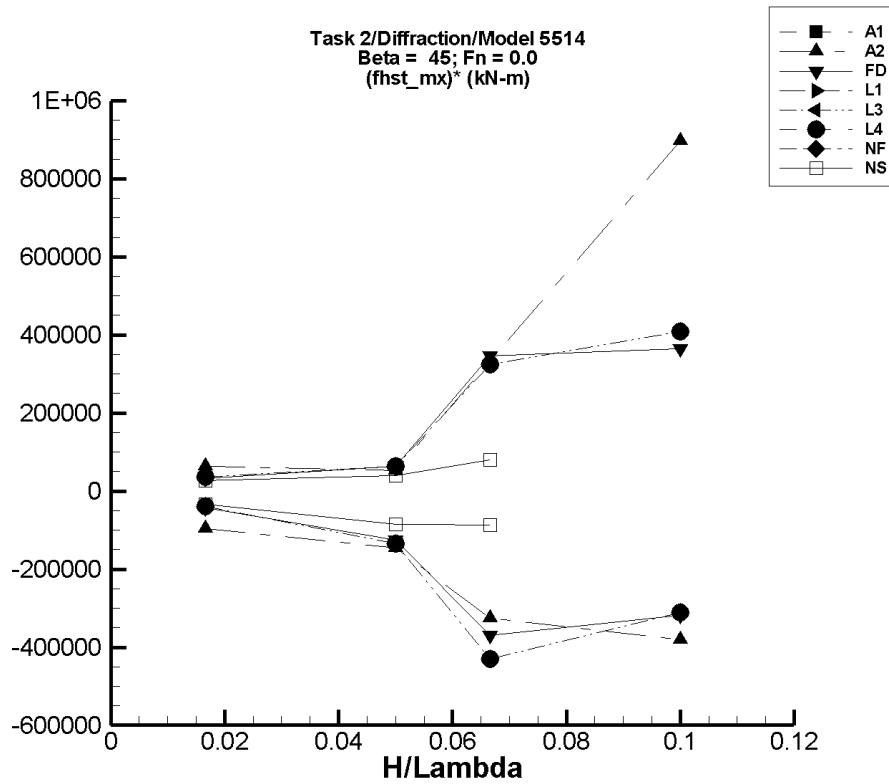


Figure R-93. Minimum and Maximum of $(M_x^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-737. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-738. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-2.10	-1.62E+03	1.05E+03	-1.60E+03	1.05E+03	-9.59E+04	6.33E+04
1/20	-7.73	-9.83E+03	2.67E+03	-7.31E+03	2.60E+03	-1.46E+05	5.21E+04
1/15	736.	-3.42E+04	2.52E+04	-2.09E+04	2.30E+04	-3.25E+05	3.34E+05
1/10	6.51E+03	-2.99E+05	4.57E+05	-3.15E+04	9.62E+04	-3.80E+05	8.97E+05

Table R-739. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	8.66	-732.	565.	-704.	556.	-4.28E+04	3.28E+04
1/20	-5.44	-7.27E+03	3.30E+03	-6.24E+03	3.19E+03	-1.25E+05	6.39E+04
1/15	523.	-2.97E+04	2.64E+04	-2.41E+04	2.36E+04	-3.69E+05	3.47E+05
1/10	-118.	-3.38E+04	4.27E+04	-3.20E+04	3.64E+04	-3.19E+05	3.65E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-740. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-741. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.73	-649.	609.	-640.	603.	-3.87E+04	3.59E+04
1/20	11.6	-7.15E+03	3.26E+03	-6.68E+03	3.21E+03	-1.34E+05	6.39E+04
1/15	727.	-3.26E+04	2.65E+04	-2.79E+04	2.23E+04	-4.30E+05	3.24E+05
1/10	-528.	-3.31E+04	4.64E+04	-3.16E+04	4.03E+04	-3.11E+05	4.09E+05

Table R-742. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.73	-649.	609.	-640.	603.	-3.87E+04	3.59E+04
1/20	11.6	-7.15E+03	3.26E+03	-6.68E+03	3.21E+03	-1.34E+05	6.39E+04
1/15	727.	-3.26E+04	2.65E+04	-2.79E+04	2.23E+04	-4.30E+05	3.24E+05
1/10	-528.	-3.31E+04	4.64E+04	-3.16E+04	4.03E+04	-3.11E+05	4.09E+05

Table R-743. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-744. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	3.02	-596.	477.	-573.	453.	-3.46E+04	2.70E+04
1/20	49.8	-4.42E+03	2.00E+03	-4.23E+03	2.00E+03	-8.56E+04	3.91E+04
1/15	56.2	-5.78E+03	5.47E+03	-5.69E+03	5.43E+03	-8.61E+04	8.06E+04
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

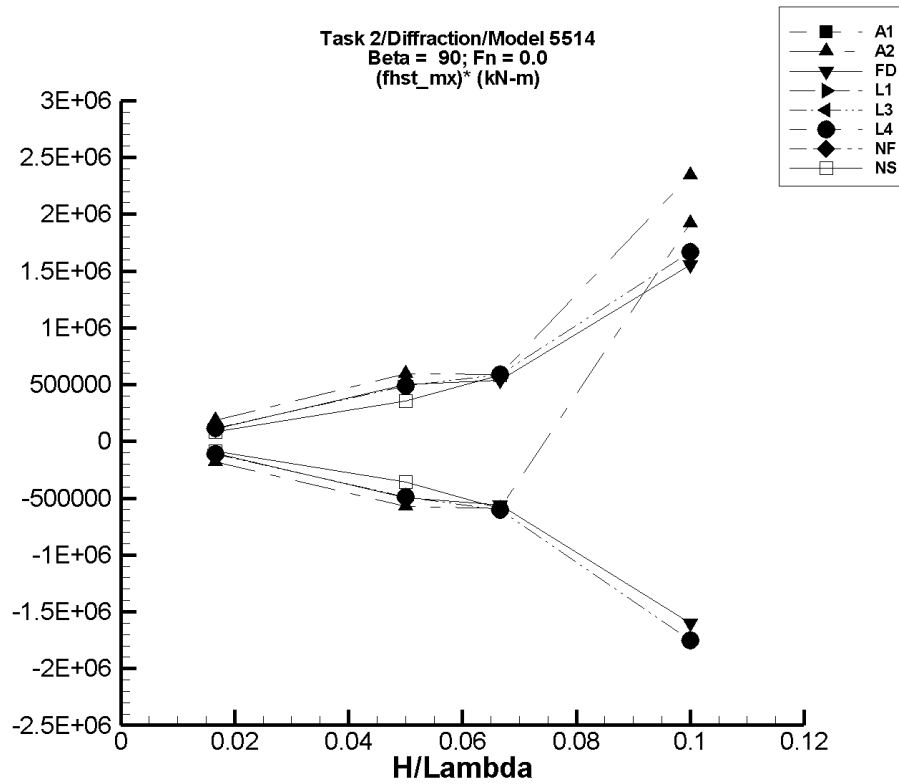


Figure R-94. Minimum and Maximum of $(M_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

Table R-745. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{hst}} \rangle$	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-746. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{hst}} \rangle$	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-10.6	-3.30E+03	3.17E+03	-3.06E+03	3.06E+03	-1.83E+05	1.84E+05
1/20	-385.	-6.96E+04	3.08E+04	-2.89E+04	2.94E+04	-5.70E+05	5.96E+05
1/15	108.	-4.89E+04	4.89E+04	-3.92E+04	3.93E+04	-5.90E+05	5.87E+05
1/10	-3.50E+05	-1.59E+05	-1.16E+05	-1.59E+05	-1.16E+05	1.92E+06	2.34E+06

Table R-747. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{hst}} \rangle$	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.29	-1.87E+03	1.86E+03	-1.77E+03	1.77E+03	-1.06E+05	1.06E+05
1/20	-164.	-2.64E+04	2.63E+04	-2.49E+04	2.50E+04	-4.96E+05	5.03E+05
1/15	125.	-4.61E+04	4.64E+04	-3.71E+04	3.59E+04	-5.59E+05	5.37E+05
1/10	2.39E+03	-1.87E+05	1.88E+05	-1.58E+05	1.58E+05	-1.60E+06	1.55E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R-748. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{hst}} \rangle$	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-749. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{hst}} \rangle$	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	0.782	-1.91E+03	1.90E+03	-1.88E+03	1.88E+03	-1.13E+05	1.12E+05
1/20	-60.7	-2.49E+04	2.49E+04	-2.44E+04	2.44E+04	-4.88E+05	4.90E+05
1/15	343.	-4.81E+04	4.79E+04	-3.98E+04	3.97E+04	-6.03E+05	5.91E+05
1/10	2.00E+03	-1.98E+05	1.92E+05	-1.73E+05	1.69E+05	-1.75E+06	1.67E+06

Table R-750. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{hst}} \rangle$	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	0.782	-1.91E+03	1.90E+03	-1.88E+03	1.88E+03	-1.13E+05	1.12E+05
1/20	-60.7	-2.49E+04	2.49E+04	-2.44E+04	2.44E+04	-4.88E+05	4.90E+05
1/15	343.	-4.81E+04	4.79E+04	-3.98E+04	3.97E+04	-6.03E+05	5.91E+05
1/10	2.00E+03	-1.98E+05	1.92E+05	-1.73E+05	1.69E+05	-1.75E+06	1.67E+06

Table R-751. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-752. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.37	-1.50E+03	1.49E+03	-1.43E+03	1.44E+03	-8.62E+04	8.61E+04
1/20	83.2	-1.87E+04	1.86E+04	-1.78E+04	1.78E+04	-3.57E+05	3.53E+05
1/15	214.	-4.04E+04	4.02E+04	-3.92E+04	3.91E+04	-5.92E+05	5.84E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

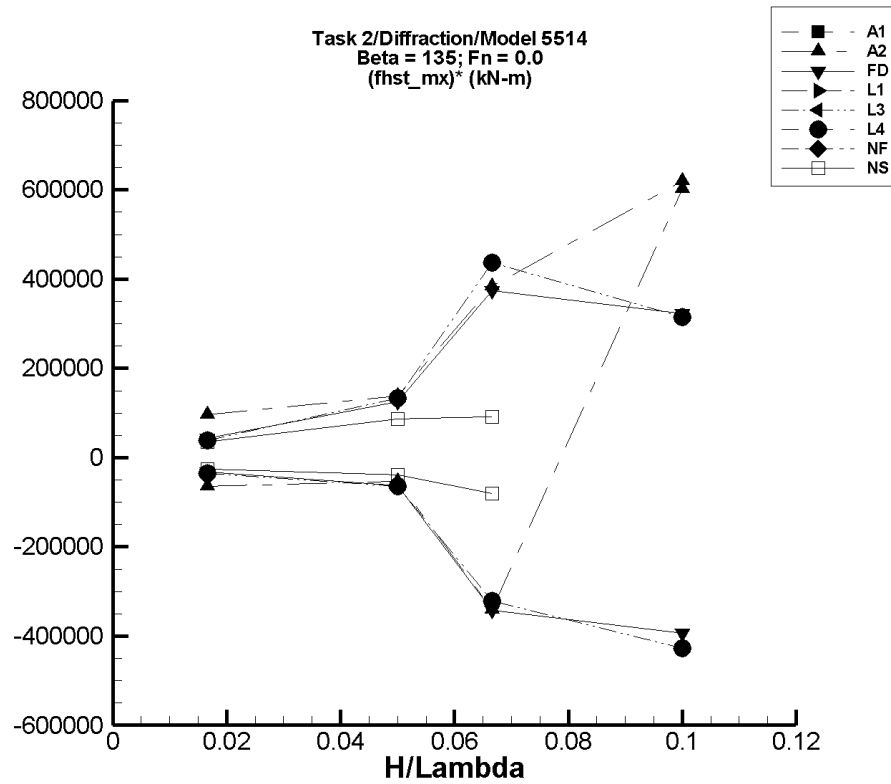


Figure R-95. Minimum and Maximum of $(M_x^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

Table R-753. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-754. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-18.5	-2.18E+03	1.62E+03	-1.10E+03	1.57E+03	-6.50E+04	9.56E+04
1/20	41.0	-2.66E+03	7.98E+03	-2.60E+03	6.95E+03	-5.28E+04	1.38E+05
1/15	-245.	-2.51E+04	3.69E+04	-2.30E+04	2.53E+04	-3.41E+05	3.83E+05
1/10	-5.29E+04	7.33E+03	9.12E+03	7.33E+03	9.12E+03	6.02E+05	6.20E+05

Table R-755. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.82	-568.	733.	-554.	704.	-3.28E+04	4.27E+04
1/20	-25.9	-3.30E+03	7.28E+03	-3.19E+03	6.23E+03	-6.32E+04	1.25E+05
1/15	-574.	-2.67E+04	3.00E+04	-2.34E+04	2.44E+04	-3.43E+05	3.74E+05
1/10	-305.	-4.81E+04	3.44E+04	-3.96E+04	3.20E+04	-3.93E+05	3.23E+05

Table R-756. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-757. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-5.92	-609.	649.	-603.	640.	-3.58E+04	3.87E+04
1/20	-12.7	-3.25E+03	7.15E+03	-3.21E+03	6.68E+03	-6.39E+04	1.34E+05
1/15	-616.	-2.59E+04	3.22E+04	-2.21E+04	2.85E+04	-3.22E+05	4.37E+05
1/10	114.	-4.74E+04	3.35E+04	-4.27E+04	3.17E+04	-4.28E+05	3.15E+05

Table R-758. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-5.92	-609.	649.	-603.	640.	-3.58E+04	3.87E+04
1/20	-12.7	-3.25E+03	7.15E+03	-3.21E+03	6.68E+03	-6.39E+04	1.34E+05
1/15	-616.	-2.59E+04	3.22E+04	-2.21E+04	2.85E+04	-3.22E+05	4.37E+05
1/10	114.	-4.74E+04	3.35E+04	-4.27E+04	3.17E+04	-4.28E+05	3.15E+05

Table R-759. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-760. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.81	-468.	603.	-445.	579.	-2.66E+04	3.48E+04
1/20	13.3	-1.97E+03	4.58E+03	-1.93E+03	4.37E+03	-3.88E+04	8.72E+04
1/15	24.5	-5.39E+03	6.24E+03	-5.33E+03	6.08E+03	-8.04E+04	9.08E+04
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

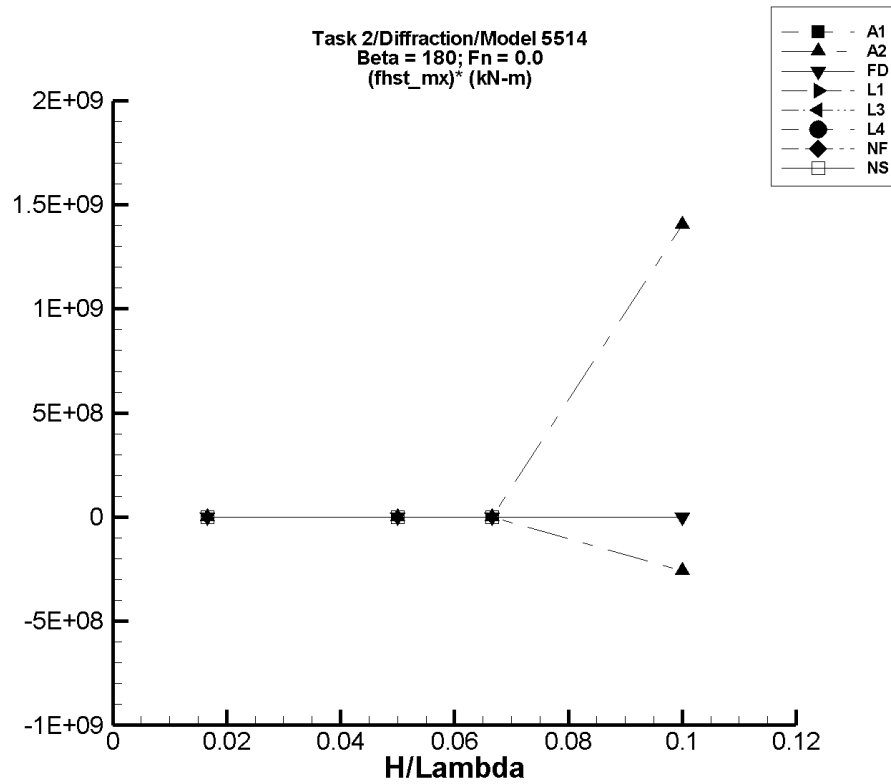


Figure R-96. Minimum and Maximum of $(M_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-761. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{hst}} \rangle$	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-762. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{hst}} \rangle$	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.79E-05	-6.67E-04	4.32E-04	-1.21E-04	1.25E-04	-8.35E-03	6.44E-03
1/20	-33.0	-5.60E+03	7.32	-745.	63.8	-1.42E+04	1.94E+03
1/15	-50.3	-3.13E+03	7.57E-02	-570.	35.9	-7.80E+03	1.29E+03
1/10	1.26E+07	-1.34E+05	1.15E+09	-1.31E+07	1.53E+08	-2.57E+08	1.40E+09

Table R-763. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{hst}} \rangle$	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-2.36E-04	-1.43E-03	7.32E-05	-4.63E-04	-1.18E-04	-1.36E-02	7.06E-03
1/20	5.25E-04	-2.43E-03	1.19E-02	-1.14E-03	2.64E-03	-3.33E-02	4.24E-02
1/15	1.23E-03	-1.91E-02	2.52E-02	-2.61E-03	5.71E-03	-5.76E-02	6.72E-02
1/10	7.92E-04	-5.60E-03	4.74E-02	-1.38E-03	6.81E-03	-2.17E-02	6.02E-02

TASK 2/DIFFRACTION/MODEL 5514

Table R-764. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min.	Max.	Min.	Max.	Min.	Max.
		(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-765. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min.	Max.	Min.	Max.	Min.	Max.
		(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-766. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min.	Max.	Min.	Max.	Min.	Max.
		(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-767. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-768. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	5.98E-04	-8.55E-03	8.74E-03	-1.73E-03	2.32E-03	-0.140	0.103
1/20	-4.62E-04	-1.40E-02	1.40E-02	-9.65E-03	2.94E-03	-0.184	6.80E-02
1/15	-7.39E-04	-1.76E-02	2.44E-02	-8.21E-03	3.97E-03	-0.112	7.07E-02
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

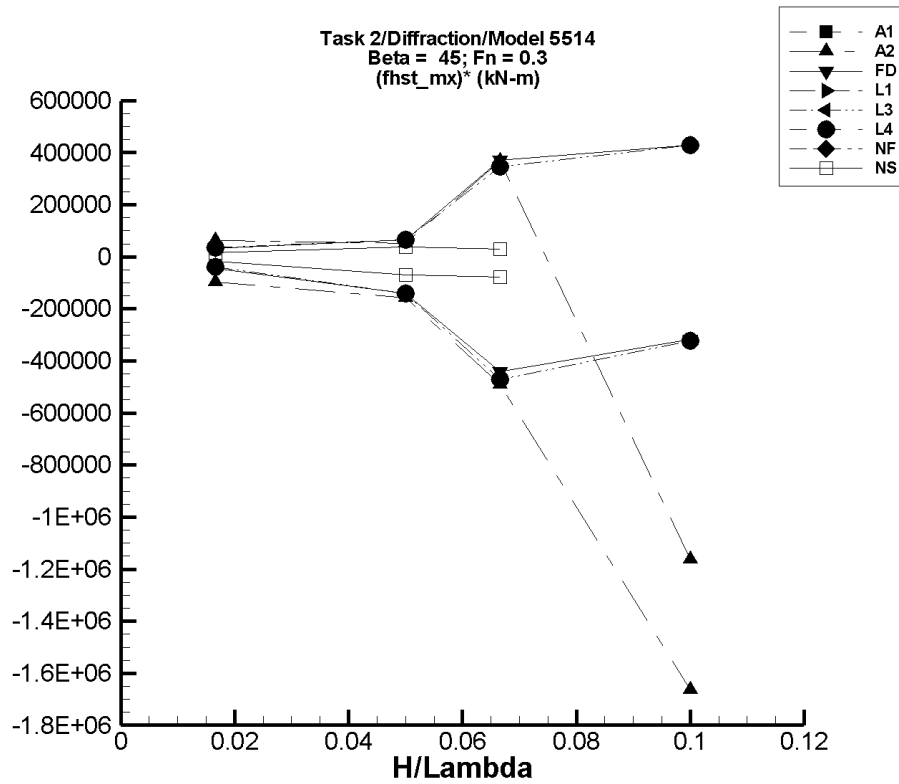


Figure R-97. Minimum and Maximum of $(M_x^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-769. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-770. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-0.899	-1.62E+03	1.05E+03	-1.61E+03	1.05E+03	-9.65E+04	6.33E+04
1/20	27.0	-8.00E+03	2.67E+03	-7.80E+03	2.64E+03	-1.57E+05	5.23E+04
1/15	-1.34	-3.81E+04	2.52E+04	-3.28E+04	2.45E+04	-4.92E+05	3.68E+05
1/10	1.48E+05	-2.04E+04	3.99E+04	-1.83E+04	3.20E+04	-1.67E+06	-1.16E+06

Table R-771. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.34	-733.	565.	-726.	565.	-4.40E+04	3.34E+04
1/20	16.3	-7.30E+03	3.30E+03	-7.01E+03	3.27E+03	-1.41E+05	6.51E+04
1/15	628.	-3.13E+04	2.67E+04	-2.88E+04	2.53E+04	-4.42E+05	3.70E+05
1/10	-338.	-3.34E+04	4.67E+04	-3.21E+04	4.26E+04	-3.17E+05	4.29E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-772. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-773. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.02	-649.	611.	-647.	608.	-3.93E+04	3.61E+04
1/20	2.46	-7.17E+03	3.26E+03	-7.06E+03	3.25E+03	-1.41E+05	6.49E+04
1/15	565.	-3.27E+04	2.77E+04	-3.09E+04	2.37E+04	-4.73E+05	3.47E+05
1/10	568.	-3.38E+04	5.19E+04	-3.18E+04	4.35E+04	-3.24E+05	4.29E+05

Table R-774. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.02	-649.	611.	-647.	608.	-3.93E+04	3.61E+04
1/20	2.46	-7.17E+03	3.26E+03	-7.06E+03	3.25E+03	-1.41E+05	6.49E+04
1/15	565.	-3.27E+04	2.77E+04	-3.09E+04	2.37E+04	-4.73E+05	3.47E+05
1/10	568.	-3.38E+04	5.19E+04	-3.18E+04	4.35E+04	-3.24E+05	4.29E+05

Table R-775. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-776. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	0.821	-303.	258.	-290.	247.	-1.75E+04	1.48E+04
1/20	35.0	-3.65E+03	2.00E+03	-3.43E+03	1.89E+03	-6.93E+04	3.70E+04
1/15	47.5	-5.23E+03	2.19E+03	-5.06E+03	2.10E+03	-7.66E+04	3.07E+04
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

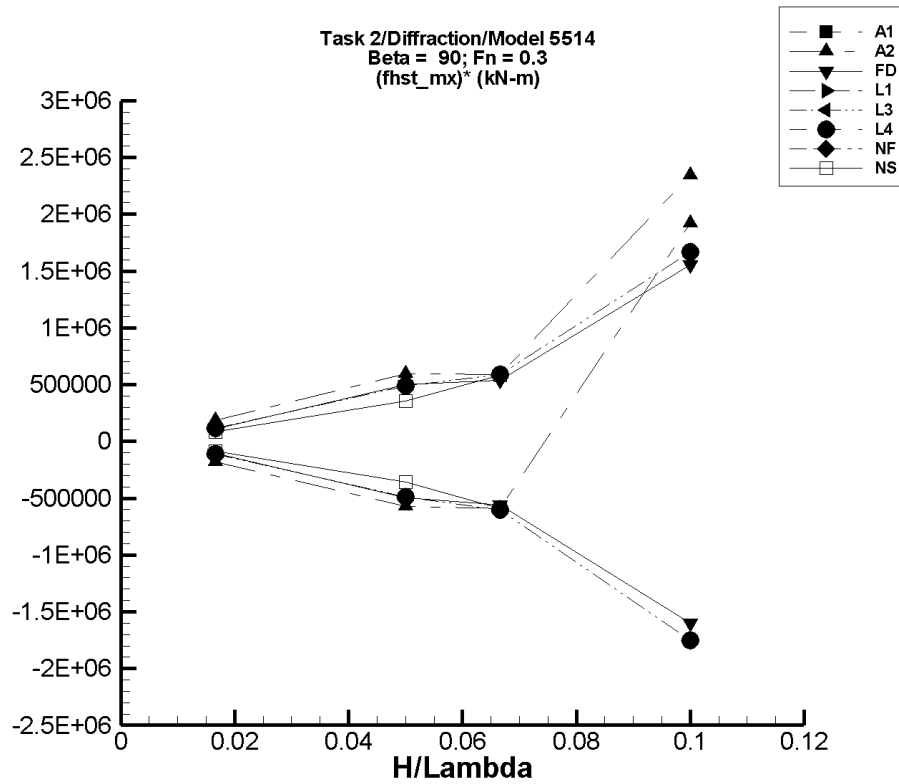


Figure R-98. Minimum and Maximum of $(M_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

Table R-777. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{hst}} \rangle$	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-778. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{hst}} \rangle$	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-10.6	-3.30E+03	3.17E+03	-3.06E+03	3.06E+03	-1.83E+05	1.84E+05
1/20	-385.	-6.96E+04	3.08E+04	-2.89E+04	2.94E+04	-5.70E+05	5.96E+05
1/15	108.	-4.89E+04	4.89E+04	-3.92E+04	3.93E+04	-5.90E+05	5.87E+05
1/10	-3.50E+05	-1.59E+05	-1.16E+05	-1.59E+05	-1.16E+05	1.92E+06	2.34E+06

Table R-779. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{hst}} \rangle$	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.30	-1.87E+03	1.86E+03	-1.77E+03	1.77E+03	-1.06E+05	1.06E+05
1/20	-164.	-2.64E+04	2.63E+04	-2.49E+04	2.50E+04	-4.96E+05	5.03E+05
1/15	125.	-4.61E+04	4.64E+04	-3.71E+04	3.59E+04	-5.59E+05	5.37E+05
1/10	2.39E+03	-1.87E+05	1.88E+05	-1.58E+05	1.58E+05	-1.60E+06	1.55E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R-780. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-781. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	0.772	-1.91E+03	1.90E+03	-1.88E+03	1.88E+03	-1.13E+05	1.12E+05
1/20	-60.7	-2.49E+04	2.49E+04	-2.44E+04	2.44E+04	-4.88E+05	4.90E+05
1/15	343.	-4.81E+04	4.79E+04	-3.98E+04	3.97E+04	-6.03E+05	5.91E+05
1/10	2.00E+03	-1.98E+05	1.92E+05	-1.73E+05	1.69E+05	-1.75E+06	1.67E+06

Table R-782. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	0.772	-1.91E+03	1.90E+03	-1.88E+03	1.88E+03	-1.13E+05	1.12E+05
1/20	-60.7	-2.49E+04	2.49E+04	-2.44E+04	2.44E+04	-4.88E+05	4.90E+05
1/15	343.	-4.81E+04	4.79E+04	-3.98E+04	3.97E+04	-6.03E+05	5.91E+05
1/10	2.00E+03	-1.98E+05	1.92E+05	-1.73E+05	1.69E+05	-1.75E+06	1.67E+06

Table R-783. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-784. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.36	-1.50E+03	1.49E+03	-1.44E+03	1.44E+03	-8.62E+04	8.62E+04
1/20	86.1	-1.87E+04	1.86E+04	-1.78E+04	1.78E+04	-3.58E+05	3.54E+05
1/15	214.	-4.04E+04	4.02E+04	-3.92E+04	3.91E+04	-5.92E+05	5.84E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

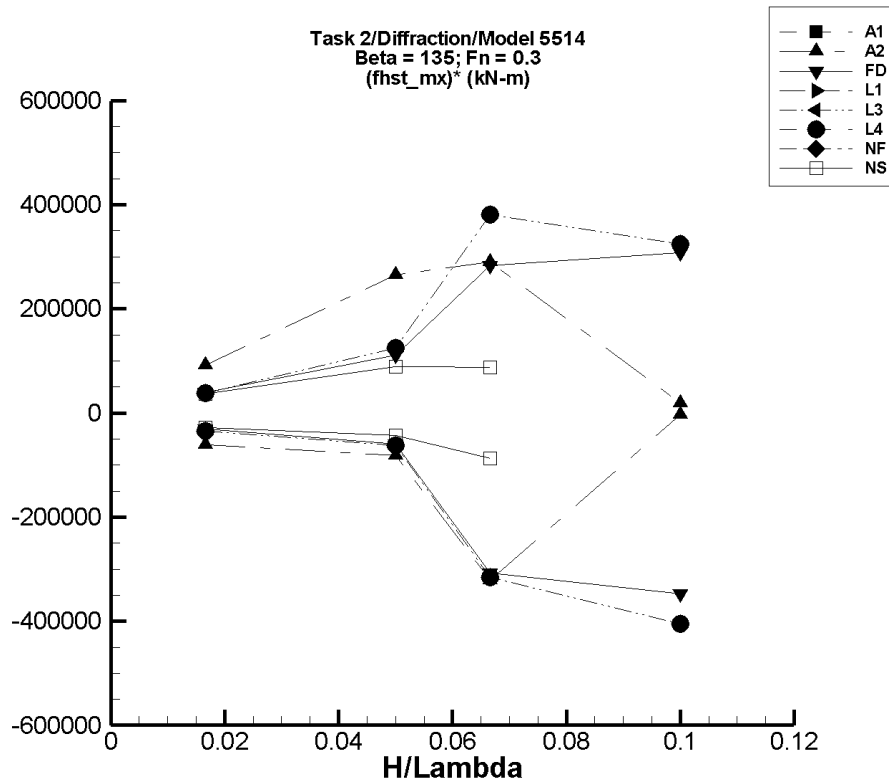


Figure R-99. Minimum and Maximum of $(M_x^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

Table R-785. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-786. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-10.1	-1.05E+03	1.61E+03	-1.03E+03	1.51E+03	-6.11E+04	9.12E+04
1/20	1.12E+03	-2.66E+03	7.02E+04	-2.97E+03	1.44E+04	-8.18E+04	2.66E+05
1/15	-141.	-2.50E+04	3.81E+04	-2.16E+04	1.92E+04	-3.22E+05	2.90E+05
1/10	6.75E+03	6.42E+03	8.67E+03	6.42E+03	8.67E+03	-3.29E+03	1.93E+04

Table R-787. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-2.87	-564.	729.	-521.	658.	-3.11E+04	3.97E+04
1/20	-51.3	-3.30E+03	7.26E+03	-3.02E+03	5.47E+03	-5.93E+04	1.10E+05
1/15	-629.	-2.52E+04	2.93E+04	-2.12E+04	1.83E+04	-3.08E+05	2.84E+05
1/10	-583.	-4.66E+04	3.44E+04	-3.53E+04	3.02E+04	-3.48E+05	3.07E+05

Table R-788. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-789. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-4.97	-609.	649.	-589.	625.	-3.51E+04	3.78E+04
1/20	2.99	-3.25E+03	7.17E+03	-3.15E+03	6.22E+03	-6.31E+04	1.24E+05
1/15	-353.	-2.59E+04	3.17E+04	-2.14E+04	2.50E+04	-3.15E+05	3.80E+05
1/10	-696.	-4.97E+04	3.35E+04	-4.13E+04	3.17E+04	-4.06E+05	3.24E+05

Table R-790. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-4.97	-609.	649.	-589.	625.	-3.51E+04	3.78E+04
1/20	2.99	-3.25E+03	7.17E+03	-3.15E+03	6.22E+03	-6.31E+04	1.24E+05
1/15	-353.	-2.59E+04	3.17E+04	-2.14E+04	2.50E+04	-3.15E+05	3.80E+05
1/10	-696.	-4.97E+04	3.35E+04	-4.13E+04	3.17E+04	-4.06E+05	3.24E+05

Table R-791. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-792. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.87	-486.	635.	-461.	610.	-2.76E+04	3.67E+04
1/20	14.6	-2.20E+03	4.66E+03	-2.15E+03	4.46E+03	-4.34E+04	8.88E+04
1/15	21.8	-5.91E+03	6.03E+03	-5.83E+03	5.90E+03	-8.77E+04	8.82E+04
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

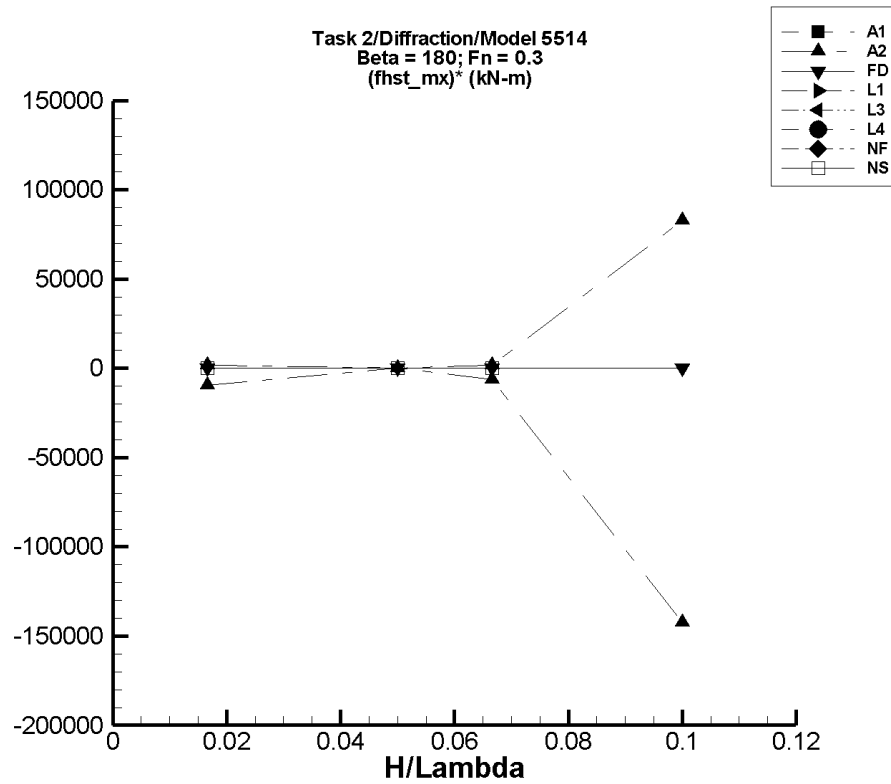


Figure R-100. Minimum and Maximum of $(M_x^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-793. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{hst}} \rangle$	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-794. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{hst}} \rangle$	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-16.0	-1.31E+03	9.21E-04	-174.	15.0	-9.51E+03	1.86E+03
1/20	1.09E-03	-5.20E-02	3.97E-02	-4.74E-03	6.81E-03	-0.117	0.114
1/15	-69.2	-3.70E+03	0.128	-497.	42.6	-6.41E+03	1.68E+03
1/10	-3.57E+03	-1.35E+05	1.85E+04	-1.78E+04	4.72E+03	-1.42E+05	8.29E+04

Table R-795. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{hst}} \rangle$	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-4.17E-03	-3.13E-02	1.19E-02	-2.12E-02	3.16E-03	-1.02	0.440
1/20	-8.27E-04	-7.25E-02	4.60E-02	-2.69E-02	1.68E-02	-0.521	0.353
1/15	-1.73E-03	-0.126	0.132	-4.60E-02	2.90E-02	-0.665	0.461
1/10	0.185	-0.442	21.4	-0.314	2.86	-5.00	26.7

Table R-796. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min.	Max.	Min.	Max.	Min.	Max.
		(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-797. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min.	Max.	Min.	Max.	Min.	Max.
		(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-798. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst}		Filtered M_x^{hst}		Filtered $(M_x^{\text{hst}})^*$	
		Min.	Max.	Min.	Max.	Min.	Max.
		(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-799. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst} Min. Max. (kN-m) (kN-m)		Filtered M_x^{hst} Min. Max. (kN-m) (kN-m)		Filtered $(M_x^{\text{hst}})^*$ Min. Max. (kN-m) (kN-m)	
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-800. Minimum and Maximum of M_x^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_x^{hst} Min. Max. (kN-m) (kN-m)		Filtered M_x^{hst} Min. Max. (kN-m) (kN-m)		Filtered $(M_x^{\text{hst}})^*$ Min. Max. (kN-m) (kN-m)	
1/60	1.11E-04	-1.20E-02	8.95E-03	-1.76E-03	1.94E-03	-0.112	0.110
1/20	-1.98E-04	-1.10E-02	1.04E-02	-3.77E-03	4.36E-03	-7.15E-02	9.12E-02
1/15	-7.11E-04	-1.96E-02	1.28E-02	-5.80E-03	4.52E-03	-7.63E-02	7.84E-02
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

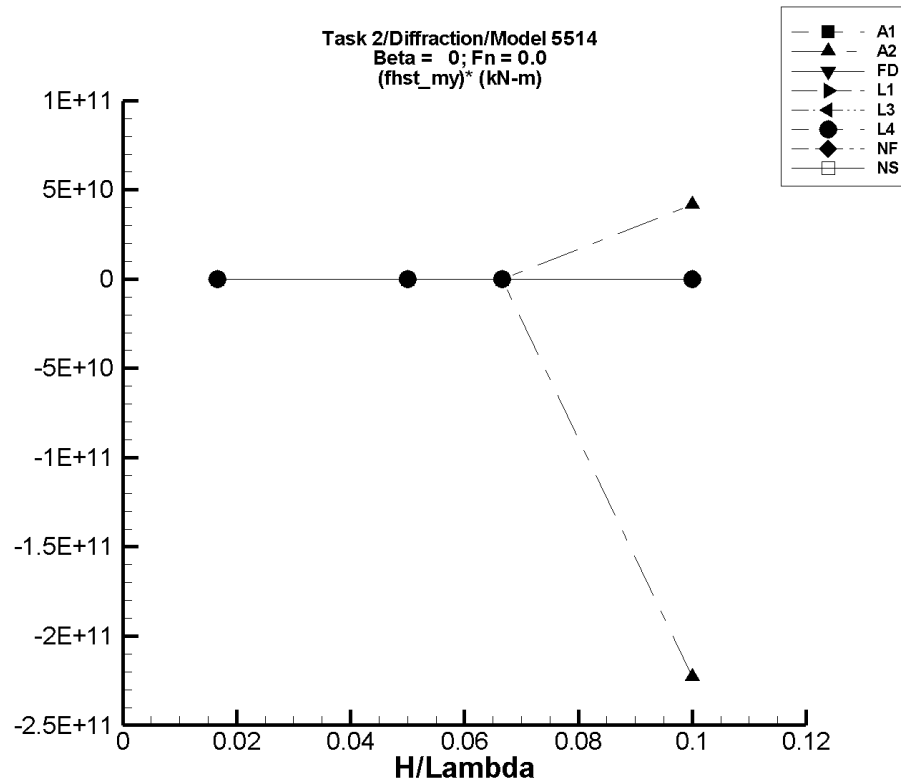


Figure R-101. Minimum and Maximum of $(M_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0.

Table R–801. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–802. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-5.83E+03	-4.64E+04	1.01E+04	-4.39E+04	9.49E+03	-2.28E+06	9.19E+05
1/20	-7.40E+04	-3.56E+05	8.36E+04	-3.44E+05	7.88E+04	-5.40E+06	3.06E+06
1/15	2.92E+04	-5.42E+05	8.02E+05	-5.17E+05	7.71E+05	-8.19E+06	1.11E+07
1/10	-2.07E+09	-1.83E+11	2.57E+06	-2.44E+10	2.09E+09	-2.23E+11	4.16E+10

Table R–803. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.03E+04	-2.12E+04	2.35E+04	-1.98E+04	2.32E+04	-1.81E+06	7.72E+05
1/20	-4.53E+04	-3.25E+05	1.12E+05	-3.24E+05	1.08E+05	-5.58E+06	3.06E+06
1/15	1.00E+05	-4.79E+05	9.59E+05	-4.75E+05	8.45E+05	-8.62E+06	1.12E+07
1/10	3.84E+05	-1.43E+06	2.10E+06	-1.39E+06	1.95E+06	-1.77E+07	1.57E+07

Table R–804. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–805. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.37E+03	-3.89E+04	7.44E+03	-3.86E+04	7.31E+03	-1.93E+06	8.21E+05
1/20	-5.86E+04	-3.36E+05	9.58E+04	-3.35E+05	9.30E+04	-5.53E+06	3.03E+06
1/15	8.49E+04	-4.92E+05	9.02E+05	-4.90E+05	8.31E+05	-8.62E+06	1.12E+07
1/10	3.44E+05	-1.59E+06	2.04E+06	-1.43E+06	1.95E+06	-1.78E+07	1.61E+07

Table R–806. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.37E+03	-3.89E+04	7.44E+03	-3.86E+04	7.31E+03	-1.93E+06	8.21E+05
1/20	-5.86E+04	-3.36E+05	9.58E+04	-3.35E+05	9.30E+04	-5.53E+06	3.03E+06
1/15	8.49E+04	-4.92E+05	9.02E+05	-4.90E+05	8.31E+05	-8.62E+06	1.12E+07
1/10	3.44E+05	-1.59E+06	2.04E+06	-1.43E+06	1.95E+06	-1.78E+07	1.61E+07

Table R-807. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-808. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-3.72E+03	-2.28E+04	5.47E+03	-2.20E+04	5.17E+03	-1.10E+06	5.33E+05
1/20	-1.81E+05	-3.24E+05	-1.02E+05	-3.20E+05	-1.03E+05	-2.77E+06	1.56E+06
1/15	-1.73E+05	-4.80E+05	7.76E+03	-4.75E+05	6.11E+03	-4.53E+06	2.69E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

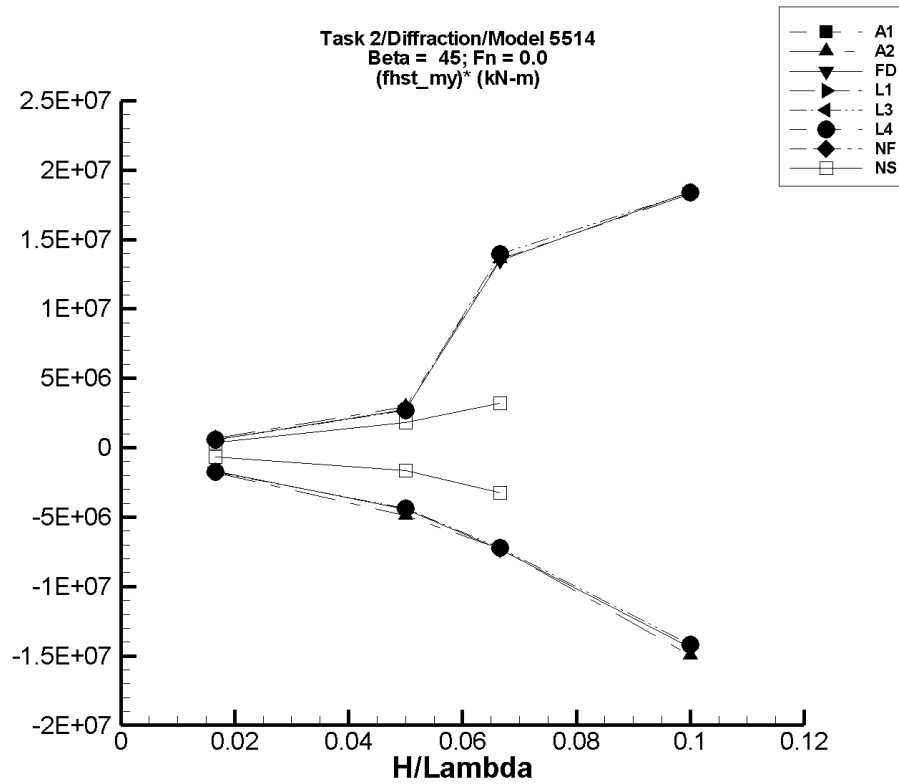


Figure R-102. Minimum and Maximum of $(M_y^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

Table R-809. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-810. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.59E+03	-4.67E+04	5.51E+03	-3.67E+04	4.77E+03	-1.80E+06	6.81E+05
1/20	-7.40E+04	-3.23E+05	7.54E+04	-3.18E+05	7.31E+04	-4.88E+06	2.94E+06
1/15	4.50E+04	-4.50E+05	9.58E+05	-4.42E+05	9.50E+05	-7.30E+06	1.36E+07
1/10	5.04E+05	-1.81E+06	2.63E+06	-9.92E+05	2.33E+06	-1.50E+07	1.83E+07

Table R–811. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	9.96E+03	-1.83E+04	1.91E+04	-1.82E+04	1.93E+04	-1.69E+06	5.58E+05
1/20	-4.38E+04	-2.69E+05	9.43E+04	-2.65E+05	9.22E+04	-4.43E+06	2.72E+06
1/15	1.09E+05	-3.89E+05	1.04E+06	-3.80E+05	1.01E+06	-7.33E+06	1.35E+07
1/10	3.52E+05	-1.09E+06	2.24E+06	-1.09E+06	2.19E+06	-1.44E+07	1.84E+07

Table R–812. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–813. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.47E+03	-3.60E+04	3.08E+03	-3.56E+04	3.05E+03	-1.75E+06	5.71E+05
1/20	-5.96E+04	-2.80E+05	7.64E+04	-2.79E+05	7.58E+04	-4.38E+06	2.71E+06
1/15	8.53E+04	-4.00E+05	1.03E+06	-3.98E+05	1.02E+06	-7.25E+06	1.40E+07
1/10	3.33E+05	-1.14E+06	2.19E+06	-1.09E+06	2.17E+06	-1.42E+07	1.84E+07

Table R–814. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.47E+03	-3.60E+04	3.08E+03	-3.56E+04	3.05E+03	-1.75E+06	5.71E+05
1/20	-5.96E+04	-2.80E+05	7.64E+04	-2.79E+05	7.58E+04	-4.38E+06	2.71E+06
1/15	8.53E+04	-4.00E+05	1.03E+06	-3.98E+05	1.02E+06	-7.25E+06	1.40E+07
1/10	3.33E+05	-1.14E+06	2.19E+06	-1.09E+06	2.17E+06	-1.42E+07	1.84E+07

Table R-815. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-816. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-3.42E+03	-1.52E+04	2.53E+03	-1.47E+04	2.42E+03	-6.76E+05	3.51E+05
1/20	-1.81E+05	-2.66E+05	-8.72E+04	-2.64E+05	-8.95E+04	-1.65E+06	1.83E+06
1/15	-1.74E+05	-3.95E+05	4.24E+04	-3.90E+05	3.96E+04	-3.24E+06	3.21E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

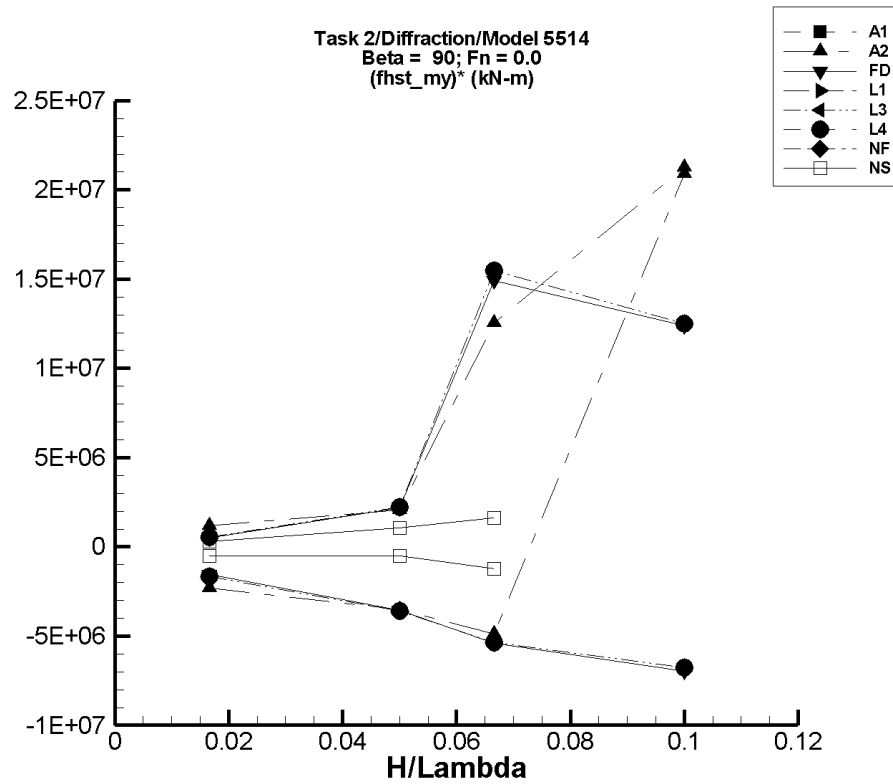


Figure R-103. Minimum and Maximum of $(M_y^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

Table R–817. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–818. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.36E+03	-4.70E+04	1.31E+04	-4.50E+04	1.32E+04	-2.32E+06	1.17E+06
1/20	-6.66E+04	-2.42E+05	3.42E+05	-2.42E+05	3.75E+04	-3.51E+06	2.08E+06
1/15	3.85E+04	-2.88E+05	1.01E+06	-2.86E+05	8.76E+05	-4.87E+06	1.26E+07
1/10	-6.40E+05	1.45E+06	1.49E+06	1.45E+06	1.49E+06	2.09E+07	2.13E+07

Table R–819. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	9.96E+03	-1.71E+04	1.84E+04	-1.58E+04	1.83E+04	-1.55E+06	4.99E+05
1/20	-4.59E+04	-2.25E+05	6.45E+04	-2.23E+05	6.32E+04	-3.54E+06	2.18E+06
1/15	9.02E+04	-2.70E+05	1.18E+06	-2.69E+05	1.09E+06	-5.38E+06	1.49E+07
1/10	3.66E+05	-3.44E+05	1.69E+06	-3.33E+05	1.61E+06	-6.99E+06	1.24E+07

Table R–820. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–821. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.69E+03	-3.46E+04	2.45E+03	-3.42E+04	2.43E+03	-1.65E+06	5.47E+05
1/20	-6.03E+04	-2.40E+05	5.16E+04	-2.39E+05	5.11E+04	-3.58E+06	2.23E+06
1/15	7.37E+04	-2.84E+05	1.14E+06	-2.84E+05	1.11E+06	-5.36E+06	1.55E+07
1/10	3.36E+05	-3.40E+05	1.68E+06	-3.39E+05	1.59E+06	-6.75E+06	1.25E+07

Table R–822. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.69E+03	-3.46E+04	2.45E+03	-3.42E+04	2.43E+03	-1.65E+06	5.47E+05
1/20	-6.03E+04	-2.40E+05	5.16E+04	-2.39E+05	5.11E+04	-3.58E+06	2.23E+06
1/15	7.37E+04	-2.84E+05	1.14E+06	-2.84E+05	1.11E+06	-5.36E+06	1.55E+07
1/10	3.36E+05	-3.40E+05	1.68E+06	-3.39E+05	1.59E+06	-6.75E+06	1.25E+07

Table R-823. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-824. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-2.99E+03	-1.19E+04	2.34E+03	-1.15E+04	2.21E+03	-5.13E+05	3.12E+05
1/20	-1.81E+05	-2.08E+05	-1.27E+05	-2.07E+05	-1.29E+05	-5.13E+05	1.05E+06
1/15	-1.75E+05	-2.58E+05	-6.54E+04	-2.58E+05	-6.70E+04	-1.23E+06	1.62E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

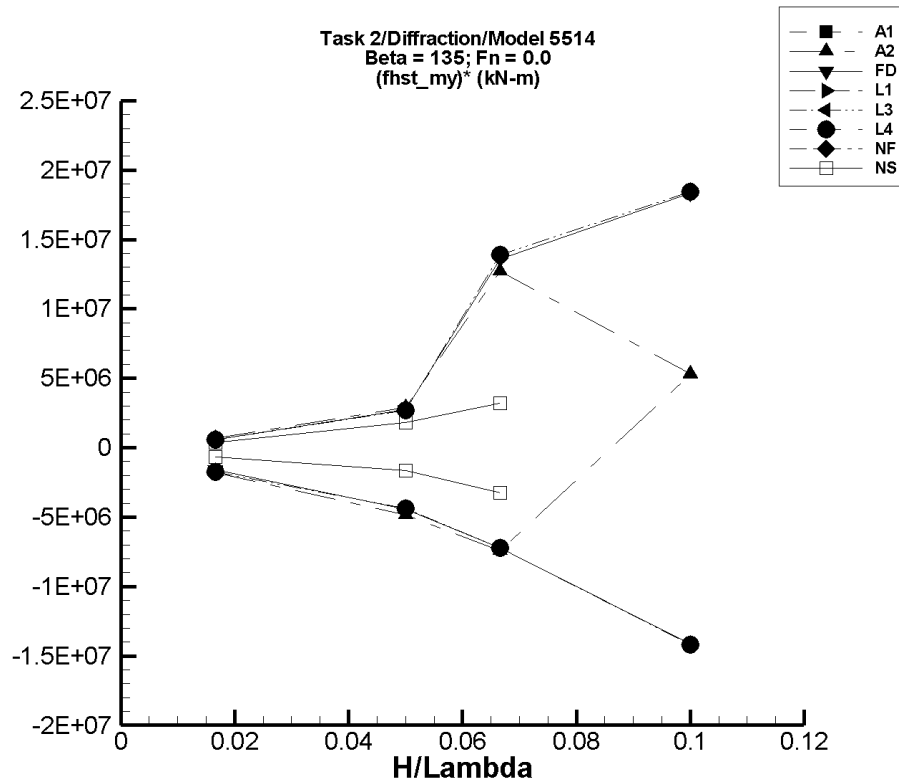


Figure R-104. Minimum and Maximum of $(M_y^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

Table R-825. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-826. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.51E+03	-4.67E+04	5.51E+03	-3.64E+04	4.78E+03	-1.80E+06	6.77E+05
1/20	-7.13E+04	-3.23E+05	7.54E+04	-3.14E+05	7.32E+04	-4.86E+06	2.89E+06
1/15	5.19E+04	-4.48E+05	9.57E+05	-4.42E+05	8.99E+05	-7.41E+06	1.27E+07
1/10	-1.24E+06	-7.16E+05	-7.09E+05	-7.16E+05	-7.09E+05	5.26E+06	5.33E+06

Table R–827. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	9.80E+03	-1.83E+04	1.91E+04	-1.71E+04	1.90E+04	-1.61E+06	5.54E+05
1/20	-4.45E+04	-2.69E+05	9.43E+04	-2.65E+05	9.22E+04	-4.42E+06	2.73E+06
1/15	1.00E+05	-3.88E+05	1.04E+06	-3.80E+05	1.00E+06	-7.20E+06	1.36E+07
1/10	3.59E+05	-1.09E+06	2.24E+06	-1.05E+06	2.19E+06	-1.41E+07	1.83E+07

Table R–828. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–829. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.62E+03	-3.60E+04	3.08E+03	-3.56E+04	3.05E+03	-1.74E+06	5.80E+05
1/20	-5.91E+04	-2.80E+05	7.64E+04	-2.79E+05	7.58E+04	-4.39E+06	2.70E+06
1/15	8.39E+04	-4.00E+05	1.03E+06	-3.98E+05	1.01E+06	-7.23E+06	1.39E+07
1/10	3.30E+05	-1.14E+06	2.21E+06	-1.09E+06	2.18E+06	-1.42E+07	1.85E+07

Table R–830. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.62E+03	-3.60E+04	3.08E+03	-3.56E+04	3.05E+03	-1.74E+06	5.80E+05
1/20	-5.91E+04	-2.80E+05	7.64E+04	-2.79E+05	7.58E+04	-4.39E+06	2.70E+06
1/15	8.39E+04	-4.00E+05	1.03E+06	-3.98E+05	1.01E+06	-7.23E+06	1.39E+07
1/10	3.30E+05	-1.14E+06	2.21E+06	-1.09E+06	2.18E+06	-1.42E+07	1.85E+07

Table R-831. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-832. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-3.38E+03	-1.52E+04	2.53E+03	-1.47E+04	2.42E+03	-6.78E+05	3.48E+05
1/20	-1.81E+05	-2.66E+05	-8.72E+04	-2.63E+05	-8.95E+04	-1.65E+06	1.82E+06
1/15	-1.73E+05	-3.94E+05	4.23E+04	-3.89E+05	3.93E+04	-3.24E+06	3.19E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

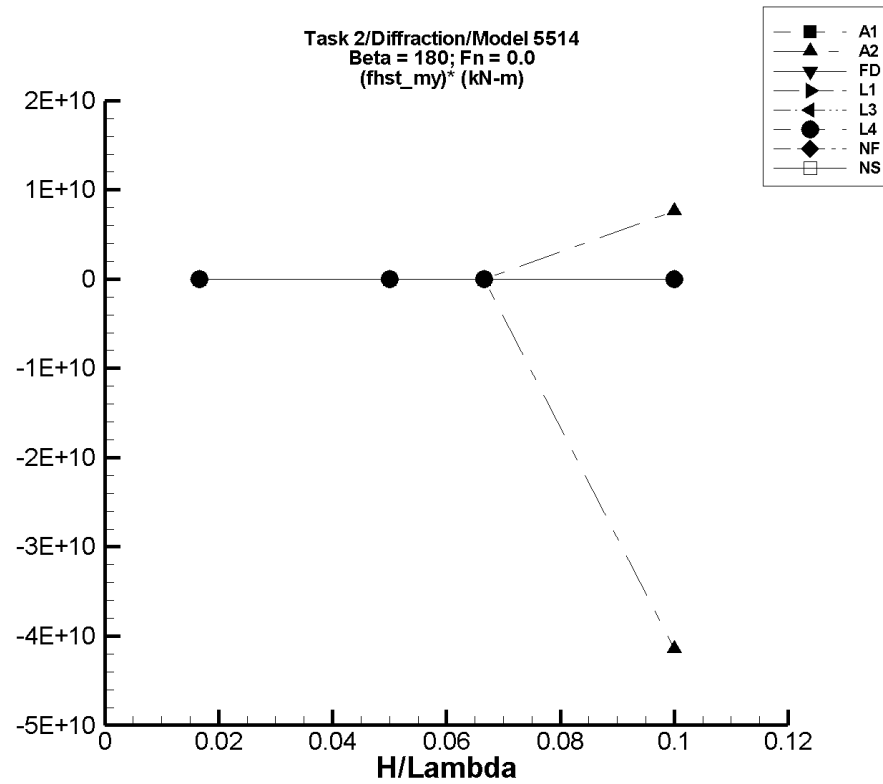


Figure R-105. Minimum and Maximum of $(M_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

Table R–833. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–834. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-5.86E+03	-4.64E+04	1.01E+04	-4.56E+04	9.50E+03	-2.39E+06	9.21E+05
1/20	-7.26E+04	-3.56E+05	8.36E+04	-3.44E+05	7.87E+04	-5.43E+06	3.03E+06
1/15	3.58E+04	-5.49E+05	8.01E+05	-5.18E+05	7.68E+05	-8.30E+06	1.10E+07
1/10	-3.72E+08	-3.39E+10	2.53E+06	-4.51E+09	3.88E+08	-4.14E+10	7.60E+09

Table R–835. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.05E+04	-2.13E+04	2.35E+04	-1.98E+04	2.35E+04	-1.82E+06	7.78E+05
1/20	-4.68E+04	-3.25E+05	1.11E+05	-3.19E+05	1.05E+05	-5.44E+06	3.03E+06
1/15	9.72E+04	-4.79E+05	9.58E+05	-4.69E+05	8.47E+05	-8.49E+06	1.13E+07
1/10	3.80E+05	-1.50E+06	2.10E+06	-1.43E+06	1.95E+06	-1.81E+07	1.57E+07

Table R–836. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–837. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.20E+03	-3.89E+04	7.44E+03	-3.84E+04	7.29E+03	-1.93E+06	8.09E+05
1/20	-6.03E+04	-3.36E+05	9.58E+04	-3.35E+05	9.29E+04	-5.50E+06	3.06E+06
1/15	8.30E+04	-4.92E+05	9.04E+05	-4.90E+05	8.27E+05	-8.59E+06	1.12E+07
1/10	3.40E+05	-1.52E+06	2.04E+06	-1.44E+06	1.95E+06	-1.78E+07	1.61E+07

Table R–838. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.20E+03	-3.89E+04	7.44E+03	-3.84E+04	7.29E+03	-1.93E+06	8.09E+05
1/20	-6.03E+04	-3.36E+05	9.58E+04	-3.35E+05	9.29E+04	-5.50E+06	3.06E+06
1/15	8.30E+04	-4.92E+05	9.04E+05	-4.90E+05	8.27E+05	-8.59E+06	1.12E+07
1/10	3.40E+05	-1.52E+06	2.04E+06	-1.44E+06	1.95E+06	-1.78E+07	1.61E+07

Table R-839. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-840. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-3.79E+03	-2.28E+04	5.47E+03	-2.20E+04	5.16E+03	-1.09E+06	5.37E+05
1/20	-1.81E+05	-3.24E+05	-1.02E+05	-3.20E+05	-1.03E+05	-2.78E+06	1.56E+06
1/15	-1.73E+05	-4.80E+05	7.76E+03	-4.75E+05	6.15E+03	-4.54E+06	2.68E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

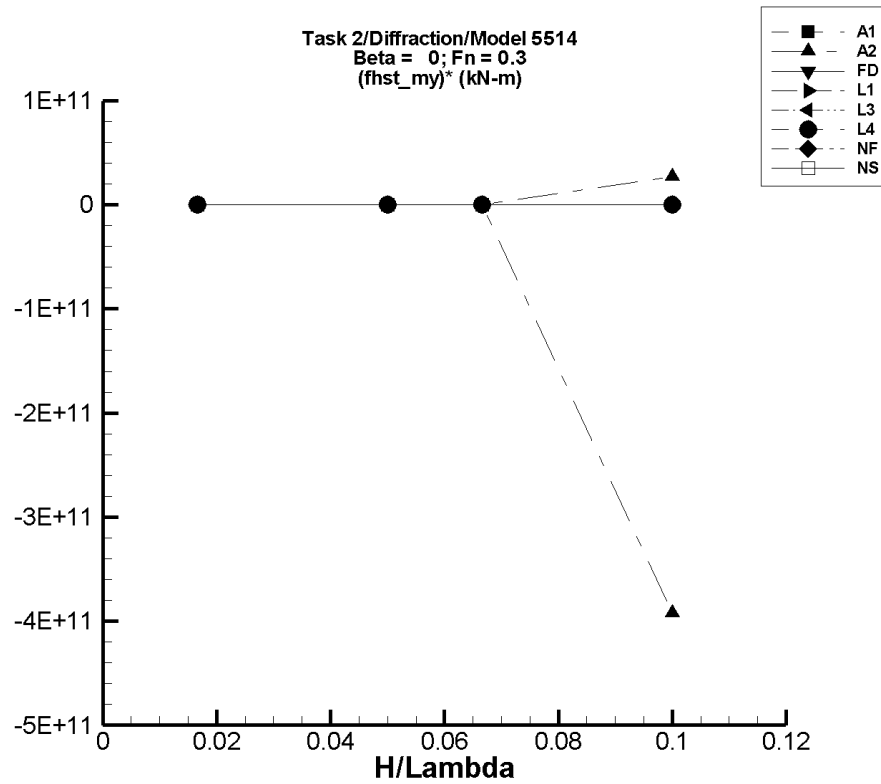


Figure R-106. Minimum and Maximum of $(M_y^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.3.

Table R-841. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-842. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-5.93E+03	-4.64E+04	1.01E+04	-4.63E+04	1.01E+04	-2.42E+06	9.59E+05
1/20	-7.15E+04	-3.56E+05	8.37E+04	-3.58E+05	8.35E+04	-5.73E+06	3.10E+06
1/15	3.60E+04	-5.51E+05	8.03E+05	-5.40E+05	7.81E+05	-8.63E+06	1.12E+07
1/10	-9.76E+08	-1.59E+11	2.55E+06	-4.02E+10	1.74E+09	-3.92E+11	2.72E+10

Table R–843. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.04E+04	-2.13E+04	2.35E+04	-2.12E+04	2.35E+04	-1.89E+06	7.86E+05
1/20	-4.47E+04	-3.25E+05	1.12E+05	-3.24E+05	1.11E+05	-5.59E+06	3.12E+06
1/15	1.01E+05	-4.79E+05	9.61E+05	-4.79E+05	8.98E+05	-8.69E+06	1.20E+07
1/10	3.83E+05	-1.55E+06	2.10E+06	-1.44E+06	2.07E+06	-1.83E+07	1.69E+07

Table R–844. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–845. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.16E+03	-3.89E+04	7.44E+03	-3.89E+04	7.43E+03	-1.96E+06	8.15E+05
1/20	-5.91E+04	-3.36E+05	9.58E+04	-3.36E+05	9.57E+04	-5.54E+06	3.10E+06
1/15	8.53E+04	-4.92E+05	9.06E+05	-4.92E+05	8.98E+05	-8.65E+06	1.22E+07
1/10	3.45E+05	-1.59E+06	2.04E+06	-1.51E+06	2.04E+06	-1.85E+07	1.70E+07

Table R–846. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.16E+03	-3.89E+04	7.44E+03	-3.89E+04	7.43E+03	-1.96E+06	8.15E+05
1/20	-5.91E+04	-3.36E+05	9.58E+04	-3.36E+05	9.57E+04	-5.54E+06	3.10E+06
1/15	8.53E+04	-4.92E+05	9.06E+05	-4.92E+05	8.98E+05	-8.65E+06	1.22E+07
1/10	3.45E+05	-1.59E+06	2.04E+06	-1.51E+06	2.04E+06	-1.85E+07	1.70E+07

Table R-847. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-848. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-3.72E+03	-2.28E+04	5.47E+03	-2.20E+04	5.18E+03	-1.10E+06	5.34E+05
1/20	-1.81E+05	-3.24E+05	-1.02E+05	-3.20E+05	-1.03E+05	-2.78E+06	1.56E+06
1/15	-1.73E+05	-4.80E+05	7.76E+03	-4.75E+05	6.11E+03	-4.53E+06	2.69E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

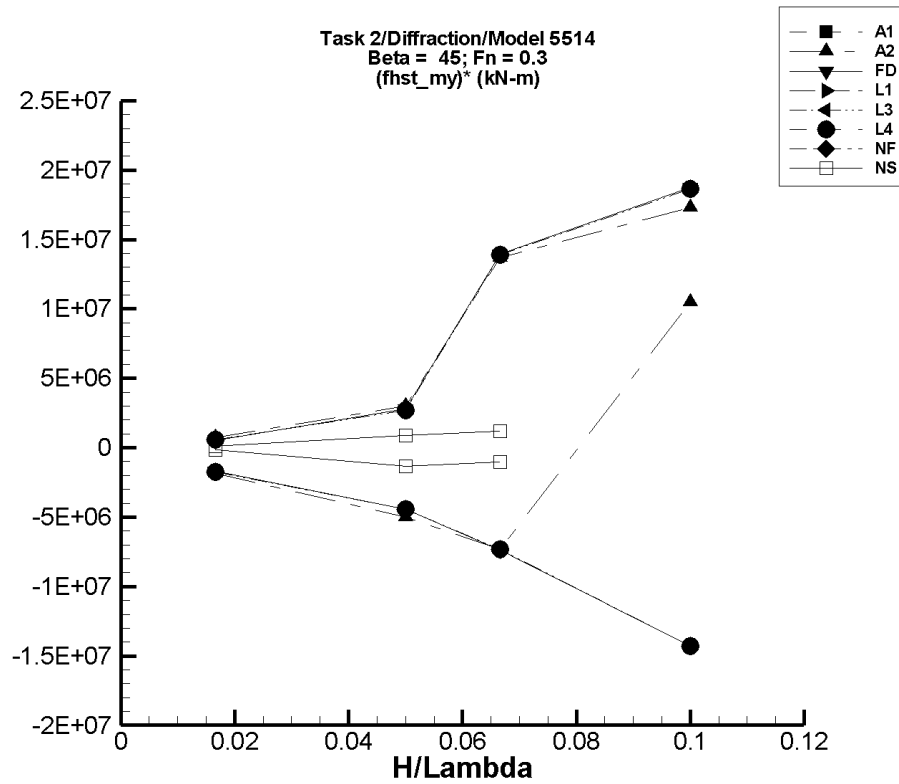


Figure R-107. Minimum and Maximum of $(M_y^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

Table R-849. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-850. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.35E+03	-4.71E+04	5.51E+03	-3.73E+04	5.36E+03	-1.86E+06	7.03E+05
1/20	-7.39E+04	-3.32E+05	7.54E+04	-3.23E+05	7.49E+04	-4.98E+06	2.97E+06
1/15	4.26E+04	-4.51E+05	9.58E+05	-4.46E+05	9.54E+05	-7.33E+06	1.37E+07
1/10	-1.72E+06	-7.10E+05	6.28E+03	-6.67E+05	1.38E+04	1.05E+07	1.73E+07

Table R–851. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.00E+04	-1.83E+04	1.91E+04	-1.80E+04	1.91E+04	-1.68E+06	5.46E+05
1/20	-4.48E+04	-2.69E+05	9.43E+04	-2.68E+05	9.39E+04	-4.46E+06	2.77E+06
1/15	1.07E+05	-3.89E+05	1.04E+06	-3.86E+05	1.04E+06	-7.39E+06	1.40E+07
1/10	3.53E+05	-1.09E+06	2.25E+06	-1.07E+06	2.23E+06	-1.43E+07	1.88E+07

Table R–852. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–853. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.57E+03	-3.60E+04	3.08E+03	-3.59E+04	3.08E+03	-1.76E+06	5.79E+05
1/20	-5.87E+04	-2.80E+05	7.64E+04	-2.80E+05	7.62E+04	-4.43E+06	2.70E+06
1/15	8.80E+04	-4.00E+05	1.02E+06	-3.99E+05	1.01E+06	-7.31E+06	1.39E+07
1/10	3.26E+05	-1.15E+06	2.21E+06	-1.10E+06	2.19E+06	-1.43E+07	1.86E+07

Table R–854. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.57E+03	-3.60E+04	3.08E+03	-3.59E+04	3.08E+03	-1.76E+06	5.79E+05
1/20	-5.87E+04	-2.80E+05	7.64E+04	-2.80E+05	7.62E+04	-4.43E+06	2.70E+06
1/15	8.80E+04	-4.00E+05	1.02E+06	-3.99E+05	1.01E+06	-7.31E+06	1.39E+07
1/10	3.26E+05	-1.15E+06	2.21E+06	-1.10E+06	2.19E+06	-1.43E+07	1.86E+07

Table R-855. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-856. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.58E+03	-4.27E+03	221.	-4.18E+03	159.	-1.56E+05	1.04E+05
1/20	-8.05E+04	-1.53E+05	-3.52E+04	-1.49E+05	-3.61E+04	-1.36E+06	8.87E+05
1/15	-1.80E+05	-2.52E+05	-9.74E+04	-2.50E+05	-9.86E+04	-1.05E+06	1.22E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

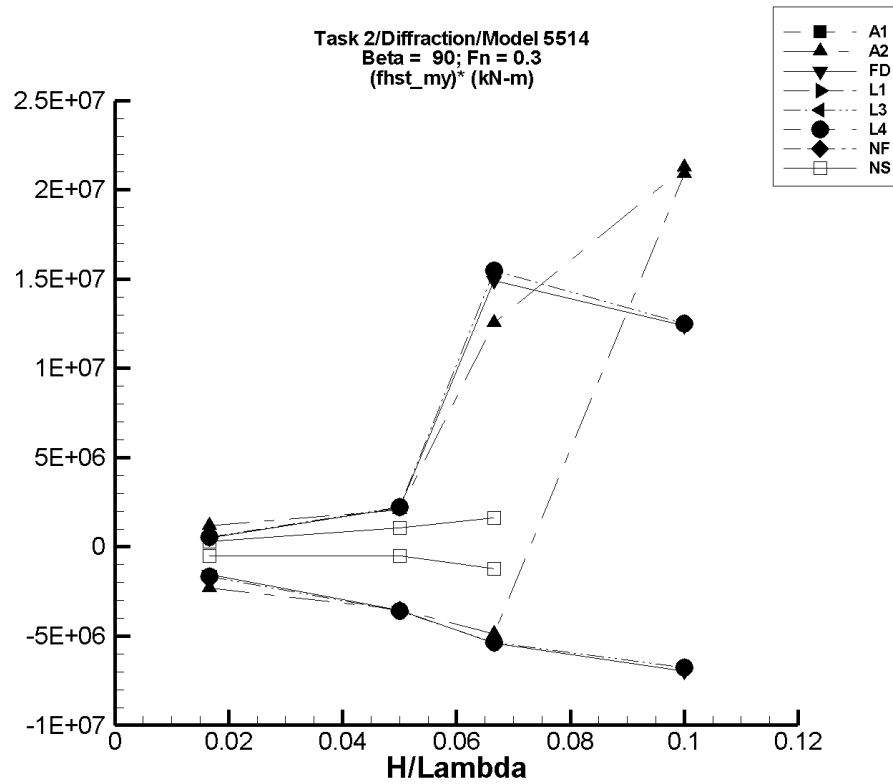


Figure R-108. Minimum and Maximum of $(M_y^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

Table R-857. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-858. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.36E+03	-4.70E+04	1.31E+04	-4.50E+04	1.32E+04	-2.32E+06	1.17E+06
1/20	-6.66E+04	-2.42E+05	3.42E+05	-2.42E+05	3.75E+04	-3.51E+06	2.08E+06
1/15	3.85E+04	-2.88E+05	1.01E+06	-2.86E+05	8.76E+05	-4.87E+06	1.26E+07
1/10	-6.40E+05	1.45E+06	1.49E+06	1.45E+06	1.49E+06	2.09E+07	2.13E+07

Table R–859. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	9.96E+03	-1.71E+04	1.84E+04	-1.58E+04	1.83E+04	-1.55E+06	4.99E+05
1/20	-4.59E+04	-2.25E+05	6.45E+04	-2.23E+05	6.32E+04	-3.54E+06	2.18E+06
1/15	9.02E+04	-2.70E+05	1.18E+06	-2.69E+05	1.09E+06	-5.38E+06	1.49E+07
1/10	3.66E+05	-3.44E+05	1.69E+06	-3.33E+05	1.61E+06	-6.99E+06	1.24E+07

Table R–860. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–861. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.69E+03	-3.46E+04	2.45E+03	-3.42E+04	2.43E+03	-1.65E+06	5.47E+05
1/20	-6.03E+04	-2.40E+05	5.16E+04	-2.39E+05	5.11E+04	-3.58E+06	2.23E+06
1/15	7.37E+04	-2.84E+05	1.14E+06	-2.84E+05	1.11E+06	-5.36E+06	1.55E+07
1/10	3.36E+05	-3.40E+05	1.68E+06	-3.39E+05	1.59E+06	-6.75E+06	1.25E+07

Table R–862. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.69E+03	-3.46E+04	2.45E+03	-3.42E+04	2.43E+03	-1.65E+06	5.47E+05
1/20	-6.03E+04	-2.40E+05	5.16E+04	-2.39E+05	5.11E+04	-3.58E+06	2.23E+06
1/15	7.37E+04	-2.84E+05	1.14E+06	-2.84E+05	1.11E+06	-5.36E+06	1.55E+07
1/10	3.36E+05	-3.40E+05	1.68E+06	-3.39E+05	1.59E+06	-6.75E+06	1.25E+07

Table R-863. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-864. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-2.99E+03	-1.19E+04	2.34E+03	-1.16E+04	2.22E+03	-5.14E+05	3.12E+05
1/20	-1.81E+05	-2.08E+05	-1.27E+05	-2.07E+05	-1.29E+05	-5.13E+05	1.05E+06
1/15	-1.75E+05	-2.58E+05	-6.54E+04	-2.58E+05	-6.70E+04	-1.23E+06	1.62E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

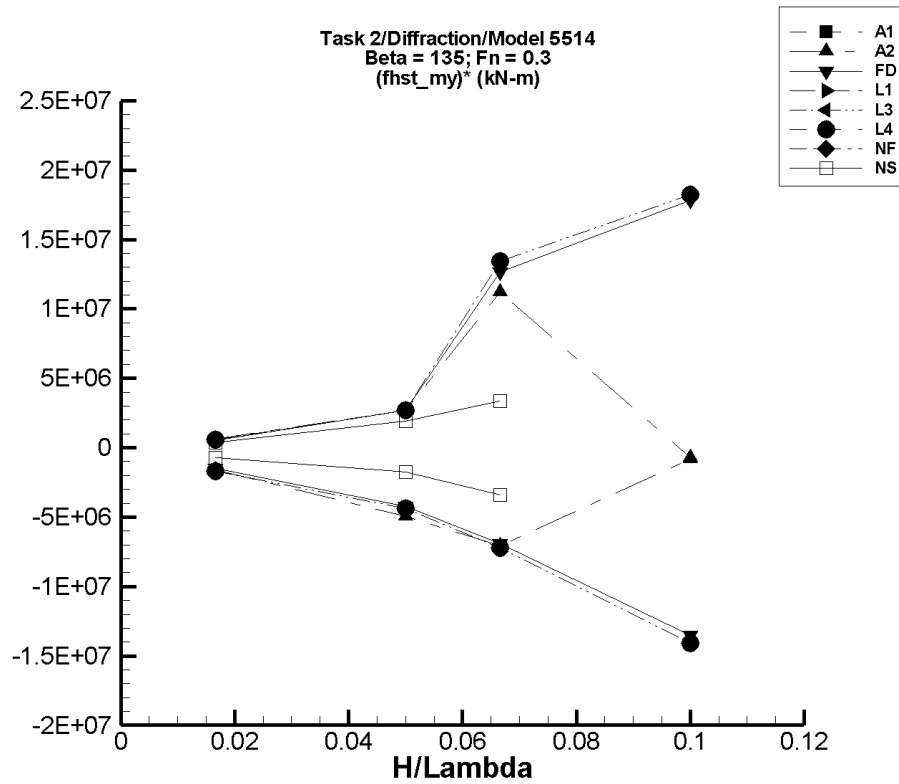


Figure R-109. Minimum and Maximum of $(M_y^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

Table R-865. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-866. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.41E+03	-3.78E+04	5.50E+03	-3.31E+04	3.82E+03	-1.60E+06	6.14E+05
1/20	-6.47E+04	-3.21E+05	2.08E+05	-3.13E+05	7.01E+04	-4.96E+06	2.70E+06
1/15	4.70E+04	-4.50E+05	9.52E+05	-4.24E+05	7.95E+05	-7.07E+06	1.12E+07
1/10	-6.32E+05	-7.13E+05	-7.03E+05	-7.13E+05	-7.03E+05	-8.05E+05	-7.07E+05

Table R–867. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	9.88E+03	-1.83E+04	1.91E+04	-1.50E+04	1.89E+04	-1.50E+06	5.43E+05
1/20	-4.54E+04	-2.68E+05	9.43E+04	-2.58E+05	8.99E+04	-4.25E+06	2.70E+06
1/15	9.97E+04	-3.89E+05	1.04E+06	-3.62E+05	9.44E+05	-6.93E+06	1.27E+07
1/10	3.68E+05	-1.08E+06	2.24E+06	-9.83E+05	2.15E+06	-1.35E+07	1.78E+07

Table R–868. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–869. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.62E+03	-3.60E+04	3.08E+03	-3.49E+04	3.02E+03	-1.69E+06	5.78E+05
1/20	-5.83E+04	-2.80E+05	7.64E+04	-2.78E+05	7.49E+04	-4.39E+06	2.66E+06
1/15	8.74E+04	-4.00E+05	1.02E+06	-3.94E+05	9.84E+05	-7.22E+06	1.34E+07
1/10	3.34E+05	-1.14E+06	2.19E+06	-1.07E+06	2.16E+06	-1.41E+07	1.82E+07

Table R–870. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.62E+03	-3.60E+04	3.08E+03	-3.49E+04	3.02E+03	-1.69E+06	5.78E+05
1/20	-5.83E+04	-2.80E+05	7.64E+04	-2.78E+05	7.49E+04	-4.39E+06	2.66E+06
1/15	8.74E+04	-4.00E+05	1.02E+06	-3.94E+05	9.84E+05	-7.22E+06	1.34E+07
1/10	3.34E+05	-1.14E+06	2.19E+06	-1.07E+06	2.16E+06	-1.41E+07	1.82E+07

Table R-871. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-872. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-3.65E+03	-1.66E+04	2.76E+03	-1.60E+04	2.65E+03	-7.42E+05	3.78E+05
1/20	-1.81E+05	-2.72E+05	-8.12E+04	-2.69E+05	-8.37E+04	-1.77E+06	1.94E+06
1/15	-1.72E+05	-4.05E+05	5.49E+04	-4.00E+05	5.18E+04	-3.41E+06	3.36E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

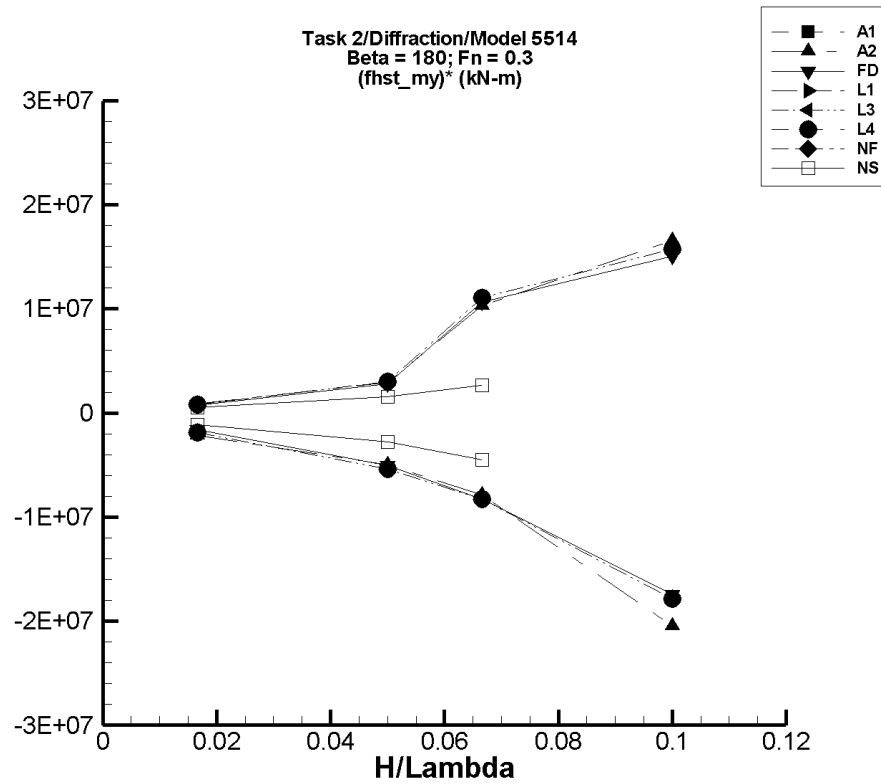


Figure R-110. Minimum and Maximum of $(M_y^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

Table R-873. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-874. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-5.89E+03	-5.87E+04	1.01E+04	-4.15E+04	8.15E+03	-2.14E+06	8.42E+05
1/20	-7.58E+04	-3.55E+05	8.36E+04	-3.24E+05	7.09E+04	-4.96E+06	2.93E+06
1/15	3.75E+04	-5.48E+05	7.99E+05	-4.88E+05	7.26E+05	-7.89E+06	1.03E+07
1/10	5.90E+05	-1.46E+06	2.49E+06	-1.46E+06	2.24E+06	-2.05E+07	1.65E+07

Table R–875. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.02E+04	-2.13E+04	2.35E+04	-1.69E+04	2.25E+04	-1.62E+06	7.38E+05
1/20	-4.51E+04	-3.25E+05	1.11E+05	-2.99E+05	9.52E+04	-5.08E+06	2.81E+06
1/15	1.03E+05	-4.79E+05	9.34E+05	-4.48E+05	8.13E+05	-8.26E+06	1.06E+07
1/10	3.68E+05	-1.43E+06	2.09E+06	-1.38E+06	1.88E+06	-1.75E+07	1.51E+07

Table R–876. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-877. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-5.85E+03	-3.89E+04	7.43E+03	-3.72E+04	6.99E+03	-1.88E+06	7.70E+05
1/20	-6.10E+04	-3.36E+05	9.58E+04	-3.31E+05	8.81E+04	-5.39E+06	2.98E+06
1/15	7.16E+04	-4.92E+05	9.03E+05	-4.79E+05	8.11E+05	-8.26E+06	1.11E+07
1/10	3.45E+05	-1.52E+06	2.04E+06	-1.44E+06	1.92E+06	-1.79E+07	1.57E+07

Table R-878. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-5.85E+03	-3.89E+04	7.43E+03	-3.72E+04	6.99E+03	-1.88E+06	7.70E+05
1/20	-6.10E+04	-3.36E+05	9.58E+04	-3.31E+05	8.81E+04	-5.39E+06	2.98E+06
1/15	7.16E+04	-4.92E+05	9.03E+05	-4.79E+05	8.11E+05	-8.26E+06	1.11E+07
1/10	3.45E+05	-1.52E+06	2.04E+06	-1.44E+06	1.92E+06	-1.79E+07	1.57E+07

Table R-879. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean	Min.	Max.	Min.	Max.	Min.	Max.
	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-880. Minimum and Maximum of M_y^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{hst}} \rangle$	Unfiltered M_y^{hst}		Filtered M_y^{hst}		Filtered $(M_y^{\text{hst}})^*$	
	Mean	Min.	Max.	Min.	Max.	Min.	Max.
	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)
1/60	-3.81E+03	-2.28E+04	5.47E+03	-2.20E+04	5.17E+03	-1.09E+06	5.39E+05
1/20	-1.81E+05	-3.24E+05	-1.02E+05	-3.20E+05	-1.03E+05	-2.78E+06	1.56E+06
1/15	-1.73E+05	-4.80E+05	7.76E+03	-4.75E+05	6.15E+03	-4.53E+06	2.69E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

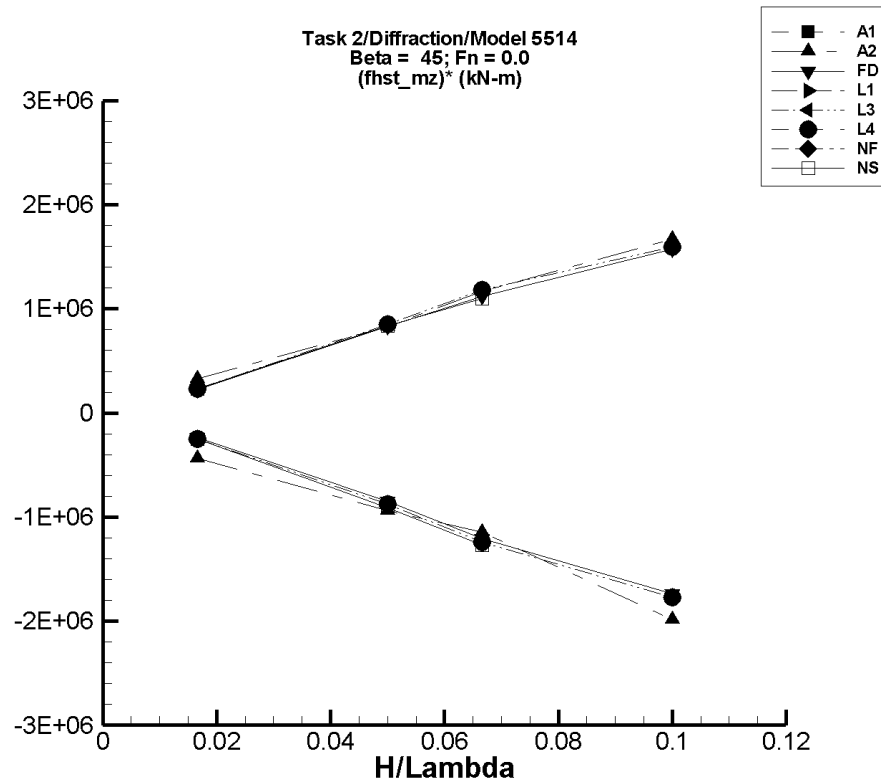


Figure R-111. Minimum and Maximum of $(M_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-881. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-882. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-12.7	-7.79E+03	5.83E+03	-7.33E+03	5.43E+03	-4.39E+05	3.27E+05
1/20	-841.	-5.51E+04	4.10E+04	-4.76E+04	4.08E+04	-9.36E+05	8.32E+05
1/15	-2.07E+03	-1.30E+05	7.85E+04	-7.83E+04	7.56E+04	-1.14E+06	1.16E+06
1/10	70.9	-5.93E+05	5.91E+05	-1.99E+05	1.67E+05	-1.99E+06	1.67E+06

Table R-883. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-16.8	-4.09E+03	3.89E+03	-3.93E+03	3.75E+03	-2.35E+05	2.26E+05
1/20	-624.	-4.47E+04	4.31E+04	-4.30E+04	4.09E+04	-8.47E+05	8.30E+05
1/15	-942.	-8.40E+04	7.68E+04	-8.16E+04	7.35E+04	-1.21E+06	1.12E+06
1/10	-357.	-1.81E+05	1.63E+05	-1.74E+05	1.57E+05	-1.74E+06	1.58E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R-884. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-885. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-8.76	-4.19E+03	3.94E+03	-4.14E+03	3.87E+03	-2.48E+05	2.32E+05
1/20	-395.	-4.49E+04	4.25E+04	-4.42E+04	4.20E+04	-8.75E+05	8.48E+05
1/15	-525.	-8.44E+04	7.97E+04	-8.34E+04	7.83E+04	-1.24E+06	1.18E+06
1/10	-328.	-1.81E+05	1.61E+05	-1.77E+05	1.59E+05	-1.77E+06	1.60E+06

Table R-886. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-8.76	-4.19E+03	3.94E+03	-4.14E+03	3.87E+03	-2.48E+05	2.32E+05
1/20	-395.	-4.49E+04	4.25E+04	-4.42E+04	4.20E+04	-8.75E+05	8.48E+05
1/15	-525.	-8.44E+04	7.97E+04	-8.34E+04	7.83E+04	-1.24E+06	1.18E+06
1/10	-328.	-1.81E+05	1.61E+05	-1.77E+05	1.59E+05	-1.77E+06	1.60E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R-887. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-888. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	2.54	-4.14E+03	4.02E+03	-4.14E+03	3.85E+03	-2.49E+05	2.31E+05
1/20	-21.9	-4.73E+04	4.22E+04	-4.57E+04	4.19E+04	-9.14E+05	8.38E+05
1/15	-69.2	-8.60E+04	7.50E+04	-8.45E+04	7.31E+04	-1.27E+06	1.10E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

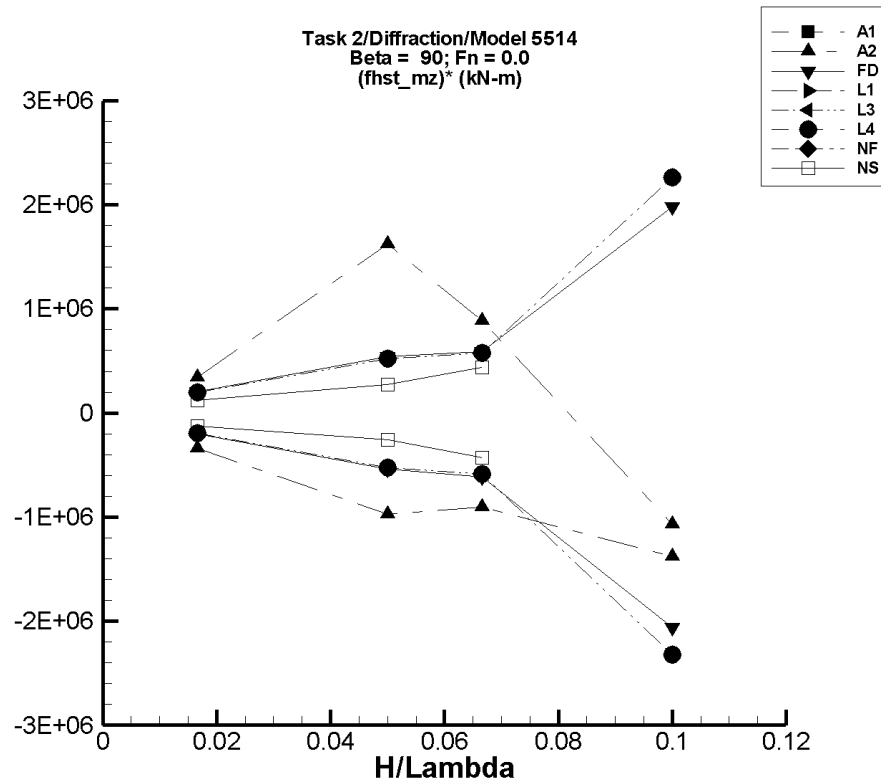


Figure R-112. Minimum and Maximum of $(M_z^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-889. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-890. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-88.3	-1.13E+04	5.90E+03	-5.72E+03	5.57E+03	-3.38E+05	3.40E+05
1/20	4.53E+03	-1.19E+05	5.78E+05	-4.43E+04	8.55E+04	-9.76E+05	1.62E+06
1/15	1.10E+03	-1.02E+05	1.17E+05	-5.93E+04	5.99E+04	-9.05E+05	8.82E+05
1/10	6.49E+04	-7.28E+04	-4.21E+04	-7.28E+04	-4.21E+04	-1.38E+06	-1.07E+06

Table R-891. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.11	-3.59E+03	3.59E+03	-3.39E+03	3.39E+03	-2.03E+05	2.04E+05
1/20	-137.	-2.84E+04	2.83E+04	-2.70E+04	2.71E+04	-5.37E+05	5.44E+05
1/15	10.5	-4.55E+04	4.56E+04	-4.09E+04	3.95E+04	-6.13E+05	5.92E+05
1/10	3.79E+03	-2.37E+05	2.38E+05	-2.02E+05	2.02E+05	-2.06E+06	1.98E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R-892. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-893. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.20	-3.35E+03	3.34E+03	-3.28E+03	3.27E+03	-1.97E+05	1.96E+05
1/20	69.1	-2.65E+04	2.65E+04	-2.62E+04	2.62E+04	-5.25E+05	5.22E+05
1/15	372.	-4.10E+04	4.09E+04	-3.87E+04	3.87E+04	-5.86E+05	5.75E+05
1/10	3.00E+03	-2.49E+05	2.49E+05	-2.29E+05	2.29E+05	-2.32E+06	2.26E+06

Table R-894. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.20	-3.35E+03	3.34E+03	-3.28E+03	3.27E+03	-1.97E+05	1.96E+05
1/20	69.1	-2.65E+04	2.65E+04	-2.62E+04	2.62E+04	-5.25E+05	5.22E+05
1/15	372.	-4.10E+04	4.09E+04	-3.87E+04	3.87E+04	-5.86E+05	5.75E+05
1/10	3.00E+03	-2.49E+05	2.49E+05	-2.29E+05	2.29E+05	-2.32E+06	2.26E+06

Table R–895. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–896. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.55	-2.14E+03	2.15E+03	-2.05E+03	2.07E+03	-1.23E+05	1.24E+05
1/20	64.3	-1.36E+04	1.43E+04	-1.30E+04	1.36E+04	-2.60E+05	2.71E+05
1/15	236.	-2.91E+04	3.04E+04	-2.83E+04	2.95E+04	-4.27E+05	4.39E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

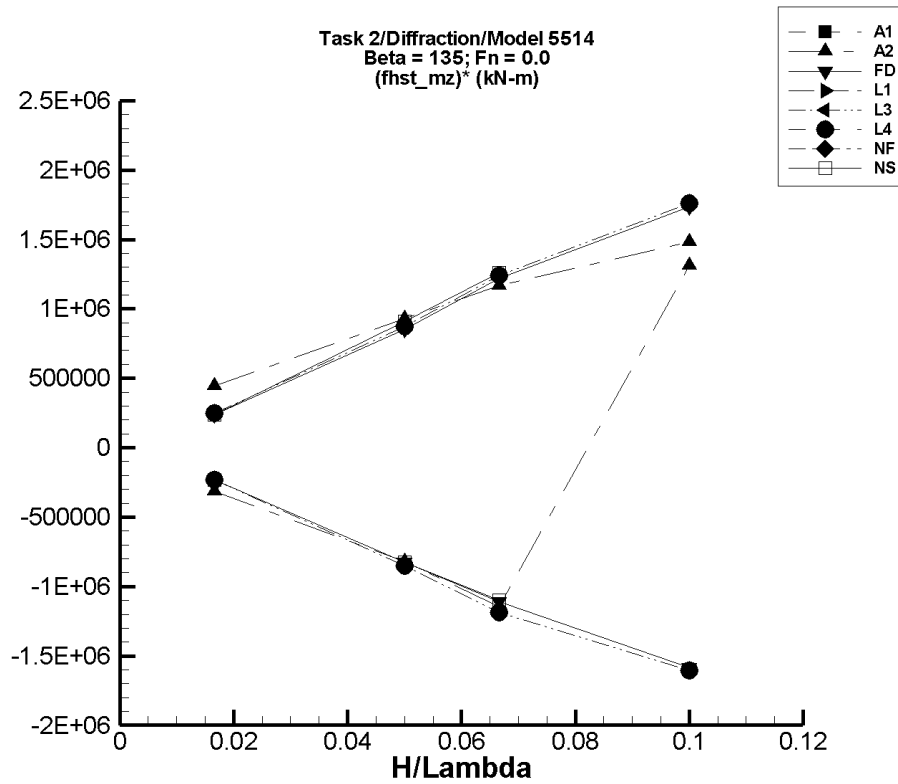


Figure R-113. Minimum and Maximum of $(M_z^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

Table R-897. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-898. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-136.	-1.09E+04	7.79E+03	-5.36E+03	7.31E+03	-3.13E+05	4.47E+05
1/20	1.14E+03	-4.10E+04	6.66E+04	-3.99E+04	4.76E+04	-8.20E+05	9.29E+05
1/15	1.01E+03	-7.85E+04	8.13E+04	-7.53E+04	7.88E+04	-1.14E+06	1.17E+06
1/10	-2.77E+05	-1.45E+05	-1.28E+05	-1.45E+05	-1.28E+05	1.31E+06	1.48E+06

Table R-899. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.18	-3.91E+03	4.09E+03	-3.84E+03	3.93E+03	-2.30E+05	2.35E+05
1/20	418.	-4.30E+04	4.46E+04	-4.09E+04	4.29E+04	-8.27E+05	8.51E+05
1/15	443.	-7.67E+04	8.40E+04	-7.36E+04	8.15E+04	-1.11E+06	1.22E+06
1/10	957.	-1.63E+05	1.81E+05	-1.57E+05	1.74E+05	-1.58E+06	1.73E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R-900. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-901. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	9.58	-3.94E+03	4.19E+03	-3.89E+03	4.14E+03	-2.34E+05	2.48E+05
1/20	502.	-4.26E+04	4.49E+04	-4.20E+04	4.41E+04	-8.50E+05	8.73E+05
1/15	729.	-7.97E+04	8.42E+04	-7.83E+04	8.34E+04	-1.19E+06	1.24E+06
1/10	1.06E+03	-1.61E+05	1.81E+05	-1.59E+05	1.77E+05	-1.60E+06	1.76E+06

Table R-902. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	9.58	-3.94E+03	4.19E+03	-3.89E+03	4.14E+03	-2.34E+05	2.48E+05
1/20	502.	-4.26E+04	4.49E+04	-4.20E+04	4.41E+04	-8.50E+05	8.73E+05
1/15	729.	-7.97E+04	8.42E+04	-7.83E+04	8.34E+04	-1.19E+06	1.24E+06
1/10	1.06E+03	-1.61E+05	1.81E+05	-1.59E+05	1.77E+05	-1.60E+06	1.76E+06

Table R-903. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-904. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	13.0	-4.04E+03	4.13E+03	-3.87E+03	3.99E+03	-2.33E+05	2.38E+05
1/20	219.	-4.28E+04	4.73E+04	-4.11E+04	4.57E+04	-8.26E+05	9.10E+05
1/15	543.	-7.46E+04	8.60E+04	-7.28E+04	8.45E+04	-1.10E+06	1.26E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

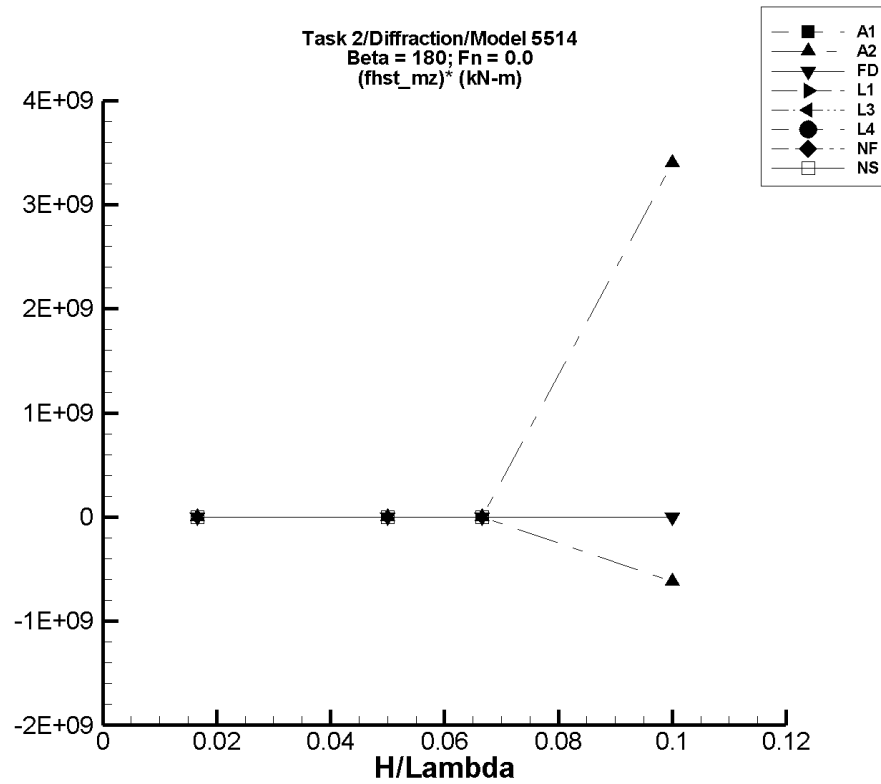


Figure R-114. Minimum and Maximum of $(M_z^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-905. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-906. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-3.36E-04	-6.47E-02	4.01E-02	-3.57E-03	1.08E-02	-0.194	0.670
1/20	-459.	-7.79E+04	65.8	-1.04E+04	888.	-1.98E+05	2.70E+04
1/15	-364.	-5.39E+04	3.02E+03	-8.40E+03	2.80E+03	-1.21E+05	4.75E+04
1/10	3.06E+07	-1.65E+05	2.78E+09	-3.17E+07	3.71E+08	-6.23E+08	3.40E+09

Table R-907. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.05E-03	-1.34E-03	9.22E-03	-2.09E-04	2.61E-03	-7.57E-02	9.35E-02
1/20	3.38E-04	-8.27E-03	5.12E-02	-5.02E-03	9.41E-03	-0.107	0.182
1/15	1.01E-03	-2.67E-02	0.111	-4.81E-03	2.33E-02	-8.73E-02	0.334
1/10	3.58E-03	-6.41E-03	0.173	-2.41E-03	2.34E-02	-5.98E-02	0.198

TASK 2/DIFFRACTION/MODEL 5514

Table R-908. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min.	Max.	Min.	Max.	Min.	Max.
		(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-909. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min.	Max.	Min.	Max.	Min.	Max.
		(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-910. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min.	Max.	Min.	Max.	Min.	Max.
		(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-911. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-912. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	2.77E-04	-6.41E-02	5.28E-02	-1.59E-02	2.09E-02	-0.972	1.24
1/20	1.45E-03	-7.57E-02	0.113	-2.00E-02	4.45E-02	-0.428	0.860
1/15	3.17E-03	-0.100	0.102	-1.96E-02	4.19E-02	-0.341	0.582
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

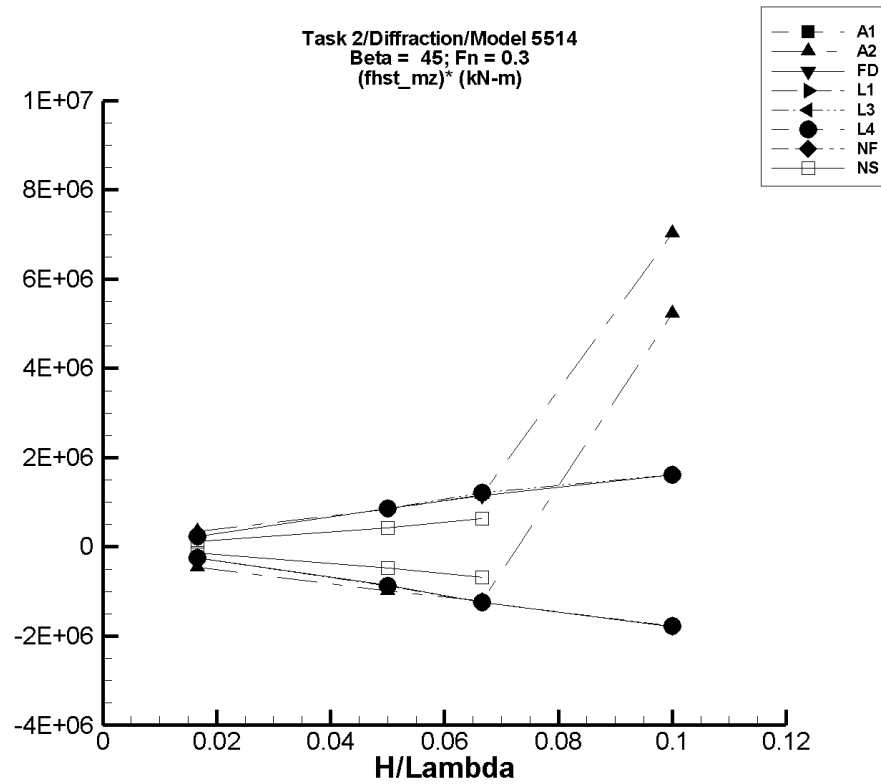


Figure R-115. Minimum and Maximum of $(M_z^{\text{hst}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-913. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-914. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-51.7	-7.79E+03	5.83E+03	-7.69E+03	5.74E+03	-4.58E+05	3.48E+05
1/20	-334.	-6.64E+04	5.64E+04	-4.97E+04	4.19E+04	-9.88E+05	8.46E+05
1/15	-225.	-1.30E+05	7.85E+04	-8.08E+04	7.77E+04	-1.21E+06	1.17E+06
1/10	-5.38E+05	-1.79E+04	1.72E+05	-1.48E+04	1.65E+05	5.23E+06	7.02E+06

Table R-915. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-13.1	-4.09E+03	3.90E+03	-4.07E+03	3.86E+03	-2.43E+05	2.32E+05
1/20	-506.	-4.46E+04	4.29E+04	-4.37E+04	4.24E+04	-8.64E+05	8.58E+05
1/15	-694.	-8.40E+04	7.70E+04	-8.33E+04	7.60E+04	-1.24E+06	1.15E+06
1/10	-551.	-1.81E+05	1.63E+05	-1.80E+05	1.62E+05	-1.79E+06	1.62E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R-916. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-917. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-17.1	-4.20E+03	3.94E+03	-4.18E+03	3.93E+03	-2.50E+05	2.37E+05
1/20	-644.	-4.49E+04	4.26E+04	-4.46E+04	4.25E+04	-8.79E+05	8.62E+05
1/15	-1.16E+03	-8.44E+04	7.97E+04	-8.39E+04	7.94E+04	-1.24E+06	1.21E+06
1/10	-1.02E+03	-1.81E+05	1.61E+05	-1.79E+05	1.61E+05	-1.78E+06	1.62E+06

Table R-918. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-17.1	-4.20E+03	3.94E+03	-4.18E+03	3.93E+03	-2.50E+05	2.37E+05
1/20	-644.	-4.49E+04	4.26E+04	-4.46E+04	4.25E+04	-8.79E+05	8.62E+05
1/15	-1.16E+03	-8.44E+04	7.97E+04	-8.39E+04	7.94E+04	-1.24E+06	1.21E+06
1/10	-1.02E+03	-1.81E+05	1.61E+05	-1.79E+05	1.61E+05	-1.78E+06	1.62E+06

Table R-919. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-920. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-0.108	-2.16E+03	2.12E+03	-2.17E+03	2.03E+03	-1.30E+05	1.22E+05
1/20	30.3	-2.39E+04	2.25E+04	-2.38E+04	2.16E+04	-4.77E+05	4.31E+05
1/15	-41.7	-4.65E+04	4.21E+04	-4.55E+04	4.23E+04	-6.83E+05	6.34E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

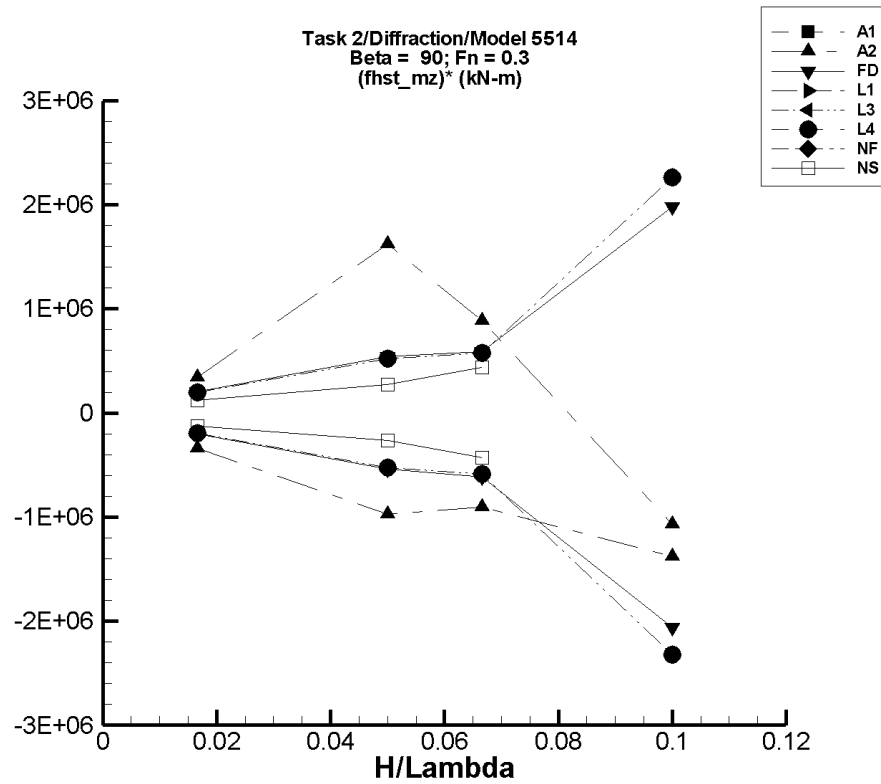


Figure R-116. Minimum and Maximum of $(M_z^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

Table R-921. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-922. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-88.3	-1.13E+04	5.90E+03	-5.72E+03	5.57E+03	-3.38E+05	3.40E+05
1/20	4.53E+03	-1.19E+05	5.78E+05	-4.43E+04	8.55E+04	-9.76E+05	1.62E+06
1/15	1.10E+03	-1.02E+05	1.17E+05	-5.93E+04	5.99E+04	-9.05E+05	8.82E+05
1/10	6.49E+04	-7.28E+04	-4.21E+04	-7.28E+04	-4.21E+04	-1.38E+06	-1.07E+06

Table R-923. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.13	-3.59E+03	3.59E+03	-3.39E+03	3.39E+03	-2.03E+05	2.04E+05
1/20	-137.	-2.84E+04	2.83E+04	-2.70E+04	2.71E+04	-5.37E+05	5.44E+05
1/15	10.3	-4.55E+04	4.56E+04	-4.09E+04	3.95E+04	-6.13E+05	5.92E+05
1/10	3.79E+03	-2.37E+05	2.38E+05	-2.02E+05	2.02E+05	-2.06E+06	1.98E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R-924. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-925. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.06	-3.35E+03	3.34E+03	-3.28E+03	3.27E+03	-1.97E+05	1.96E+05
1/20	69.0	-2.65E+04	2.65E+04	-2.62E+04	2.62E+04	-5.25E+05	5.22E+05
1/15	372.	-4.10E+04	4.09E+04	-3.87E+04	3.87E+04	-5.86E+05	5.75E+05
1/10	3.00E+03	-2.49E+05	2.49E+05	-2.29E+05	2.29E+05	-2.32E+06	2.26E+06

Table R-926. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.06	-3.35E+03	3.34E+03	-3.28E+03	3.27E+03	-1.97E+05	1.96E+05
1/20	69.0	-2.65E+04	2.65E+04	-2.62E+04	2.62E+04	-5.25E+05	5.22E+05
1/15	372.	-4.10E+04	4.09E+04	-3.87E+04	3.87E+04	-5.86E+05	5.75E+05
1/10	3.00E+03	-2.49E+05	2.49E+05	-2.29E+05	2.29E+05	-2.32E+06	2.26E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R-927. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-928. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.57	-2.14E+03	2.16E+03	-2.05E+03	2.07E+03	-1.24E+05	1.24E+05
1/20	58.7	-1.36E+04	1.43E+04	-1.30E+04	1.36E+04	-2.61E+05	2.72E+05
1/15	236.	-2.91E+04	3.04E+04	-2.83E+04	2.95E+04	-4.27E+05	4.39E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

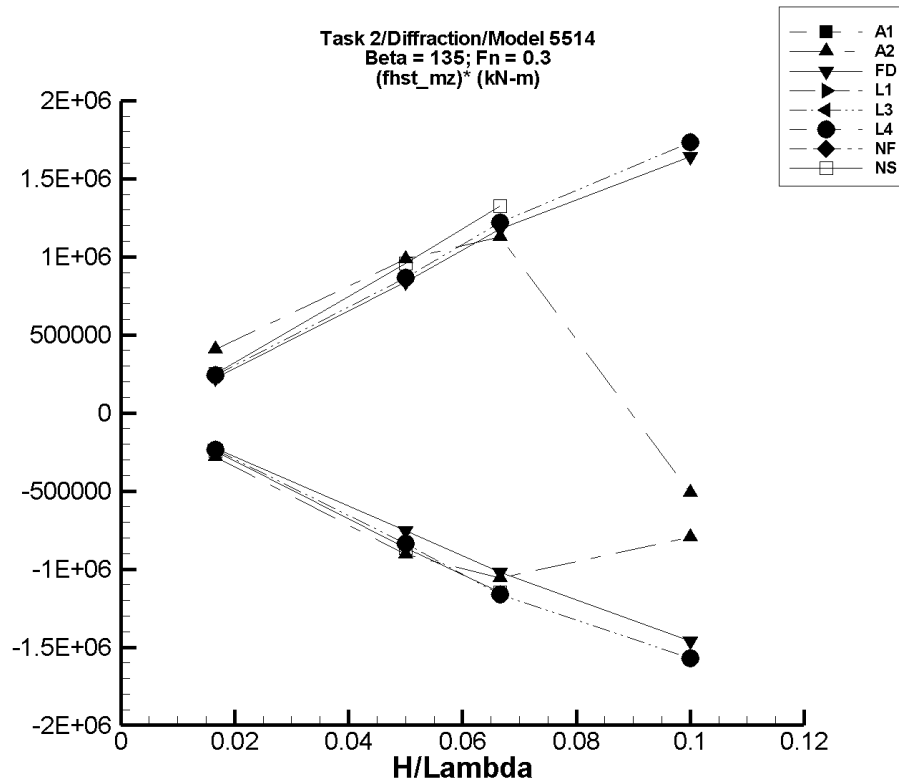


Figure R-117. Minimum and Maximum of $(M_z^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

Table R-929. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-930. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-77.6	-5.83E+03	7.78E+03	-4.79E+03	6.71E+03	-2.83E+05	4.07E+05
1/20	-4.71E+03	-4.43E+05	6.62E+04	-5.01E+04	4.45E+04	-9.07E+05	9.83E+05
1/15	-181.	-1.24E+05	8.11E+04	-7.07E+04	7.49E+04	-1.06E+06	1.13E+06
1/10	-6.19E+04	-1.42E+05	-1.13E+05	-1.42E+05	-1.13E+05	-7.97E+05	-5.12E+05

Table R-931. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.37	-3.90E+03	4.09E+03	-3.77E+03	3.69E+03	-2.26E+05	2.22E+05
1/20	130.	-4.30E+04	4.46E+04	-3.77E+04	4.20E+04	-7.56E+05	8.36E+05
1/15	129.	-7.69E+04	8.40E+04	-6.78E+04	7.88E+04	-1.02E+06	1.18E+06
1/10	289.	-1.63E+05	1.81E+05	-1.46E+05	1.65E+05	-1.46E+06	1.64E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R-932. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-933. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	10.6	-3.94E+03	4.19E+03	-3.89E+03	4.04E+03	-2.34E+05	2.42E+05
1/20	491.	-4.26E+04	4.49E+04	-4.13E+04	4.37E+04	-8.35E+05	8.64E+05
1/15	932.	-7.97E+04	8.42E+04	-7.66E+04	8.23E+04	-1.16E+06	1.22E+06
1/10	751.	-1.61E+05	1.80E+05	-1.56E+05	1.74E+05	-1.57E+06	1.73E+06

Table R-934. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	10.6	-3.94E+03	4.19E+03	-3.89E+03	4.04E+03	-2.34E+05	2.42E+05
1/20	491.	-4.26E+04	4.49E+04	-4.13E+04	4.37E+04	-8.35E+05	8.64E+05
1/15	932.	-7.97E+04	8.42E+04	-7.66E+04	8.23E+04	-1.16E+06	1.22E+06
1/10	751.	-1.61E+05	1.80E+05	-1.56E+05	1.74E+05	-1.57E+06	1.73E+06

Table R-935. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-936. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	14.2	-4.25E+03	4.36E+03	-4.08E+03	4.20E+03	-2.45E+05	2.51E+05
1/20	235.	-4.48E+04	4.97E+04	-4.30E+04	4.80E+04	-8.64E+05	9.56E+05
1/15	569.	-7.78E+04	9.04E+04	-7.61E+04	8.89E+04	-1.15E+06	1.32E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

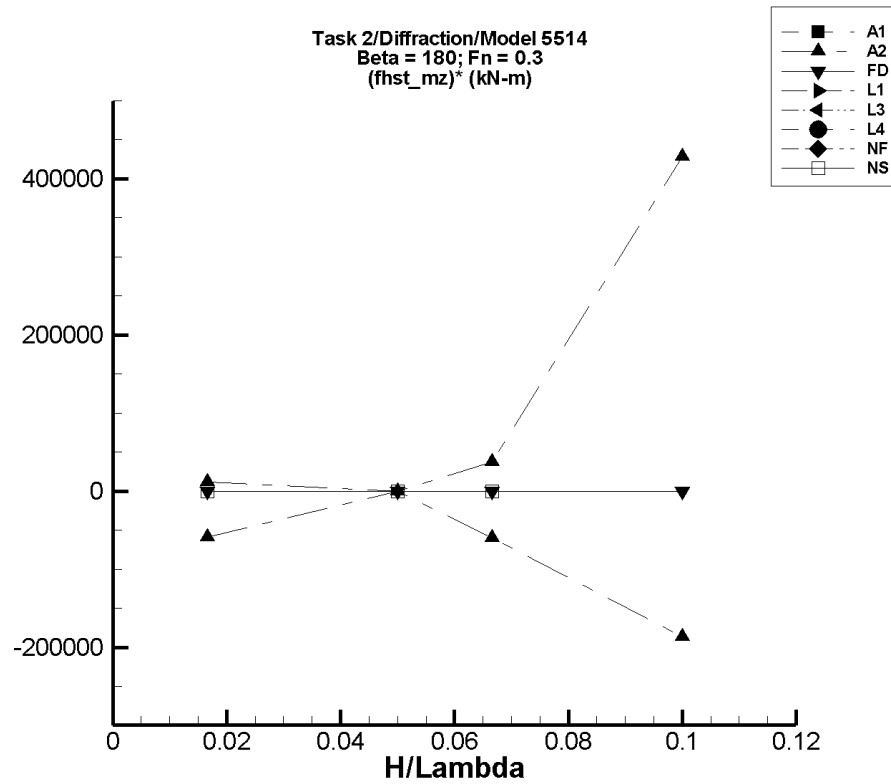


Figure R-118. Minimum and Maximum of $(M_z^{hst})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-937. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-938. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-99.8	-8.19E+03	6.86E-03	-1.09E+03	93.7	-5.95E+04	1.16E+04
1/20	-2.91E-02	-0.992	1.74	-0.154	0.129	-2.50	3.17
1/15	-235.	-3.14E+04	3.02E+03	-4.22E+03	2.23E+03	-5.97E+04	3.70E+04
1/10	6.08E+03	-1.19E+05	1.82E+05	-1.26E+04	4.89E+04	-1.86E+05	4.28E+05

Table R-939. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-2.08E-02	-0.167	0.100	-0.115	2.71E-02	-5.63	2.87
1/20	-2.72E-03	-0.594	0.358	-0.224	0.135	-4.42	2.76
1/15	-8.30E-03	-0.848	1.02	-0.381	0.231	-5.58	3.59
1/10	-2.76E-02	-2.38	2.31	-0.431	0.544	-4.04	5.71

Table R-940. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min.	Max.	Min.	Max.	Min.	Max.
		(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-941. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min.	Max.	Min.	Max.	Min.	Max.
		(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-942. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{hst}} \rangle$ Mean (kN-m)	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
		Min.	Max.	Min.	Max.	Min.	Max.
		(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-943. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-944. Minimum and Maximum of M_z^{hst} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{hst}} \rangle$	Unfiltered M_z^{hst}		Filtered M_z^{hst}		Filtered $(M_z^{\text{hst}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	8.25E-04	-5.32E-02	7.32E-02	-1.73E-02	3.05E-02	-1.09	1.78
1/20	-2.37E-04	-7.92E-02	9.12E-02	-4.11E-02	2.63E-02	-0.818	0.532
1/15	2.27E-04	-9.30E-02	0.105	-3.09E-02	2.67E-02	-0.467	0.397
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

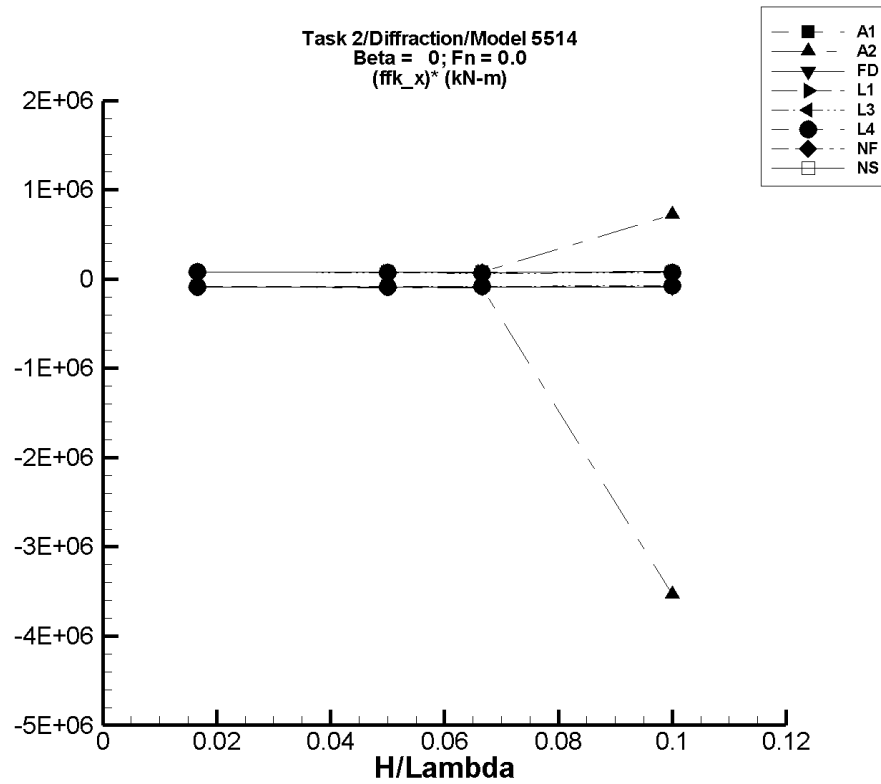


Figure R-119. Minimum and Maximum of $(F_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-945. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.28	-1.40E+03	1.40E+03	-1.39E+03	1.39E+03	-8.31E+04	8.32E+04
1/20	-3.82	-4.19E+03	4.19E+03	-4.15E+03	4.15E+03	-8.29E+04	8.30E+04
1/15	-5.09	-5.58E+03	5.58E+03	-5.52E+03	5.52E+03	-8.27E+04	8.29E+04
1/10	-7.64	-8.39E+03	8.38E+03	-8.29E+03	8.29E+03	-8.29E+04	8.30E+04

Table R-946. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	1.97	-1.47E+03	1.36E+03	-1.45E+03	1.34E+03	-8.70E+04	8.05E+04
1/20	7.33	-4.82E+03	4.14E+03	-4.71E+03	4.08E+03	-9.43E+04	8.14E+04
1/15	-59.6	-6.49E+03	5.35E+03	-6.29E+03	5.18E+03	-9.35E+04	7.85E+04
1/10	-3.32E+04	-2.91E+06	1.18E+04	-3.87E+05	3.93E+04	-3.54E+06	7.24E+05

Table R-947. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	1.02	-1.44E+03	1.33E+03	-1.42E+03	1.32E+03	-8.55E+04	7.92E+04
1/20	15.6	-4.71E+03	4.06E+03	-4.61E+03	4.00E+03	-9.25E+04	7.97E+04
1/15	32.9	-6.33E+03	5.12E+03	-6.15E+03	5.00E+03	-9.27E+04	7.45E+04
1/10	38.4	-8.74E+03	8.95E+03	-8.52E+03	8.68E+03	-8.56E+04	8.65E+04

TASK 2/DIFFRACTION/MODEL 5514

Table R-948. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.231	-1.38E+03	1.38E+03	-1.38E+03	1.38E+03	-8.26E+04	8.26E+04
1/20	-0.692	-4.15E+03	4.15E+03	-4.13E+03	4.13E+03	-8.26E+04	8.26E+04
1/15	-0.923	-5.53E+03	5.53E+03	-5.51E+03	5.51E+03	-8.26E+04	8.26E+04
1/10	-1.38	-8.30E+03	8.29E+03	-8.26E+03	8.26E+03	-8.26E+04	8.26E+04

Table R-949. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.470	-1.45E+03	1.32E+03	-1.44E+03	1.32E+03	-8.63E+04	7.91E+04
1/20	1.20	-4.46E+03	3.76E+03	-4.42E+03	3.74E+03	-8.85E+04	7.47E+04
1/15	15.3	-5.71E+03	4.48E+03	-5.65E+03	4.44E+03	-8.50E+04	6.64E+04
1/10	5.03	-7.02E+03	7.53E+03	-6.98E+03	7.33E+03	-6.98E+04	7.32E+04

Table R-950. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.470	-1.45E+03	1.32E+03	-1.44E+03	1.32E+03	-8.63E+04	7.91E+04
1/20	1.20	-4.46E+03	3.76E+03	-4.42E+03	3.74E+03	-8.85E+04	7.47E+04
1/15	15.3	-5.71E+03	4.48E+03	-5.65E+03	4.44E+03	-8.50E+04	6.64E+04
1/10	5.03	-7.02E+03	7.53E+03	-6.98E+03	7.33E+03	-6.98E+04	7.32E+04

Table R-951. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{fk}} \rangle$	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-952. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{fk}} \rangle$	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

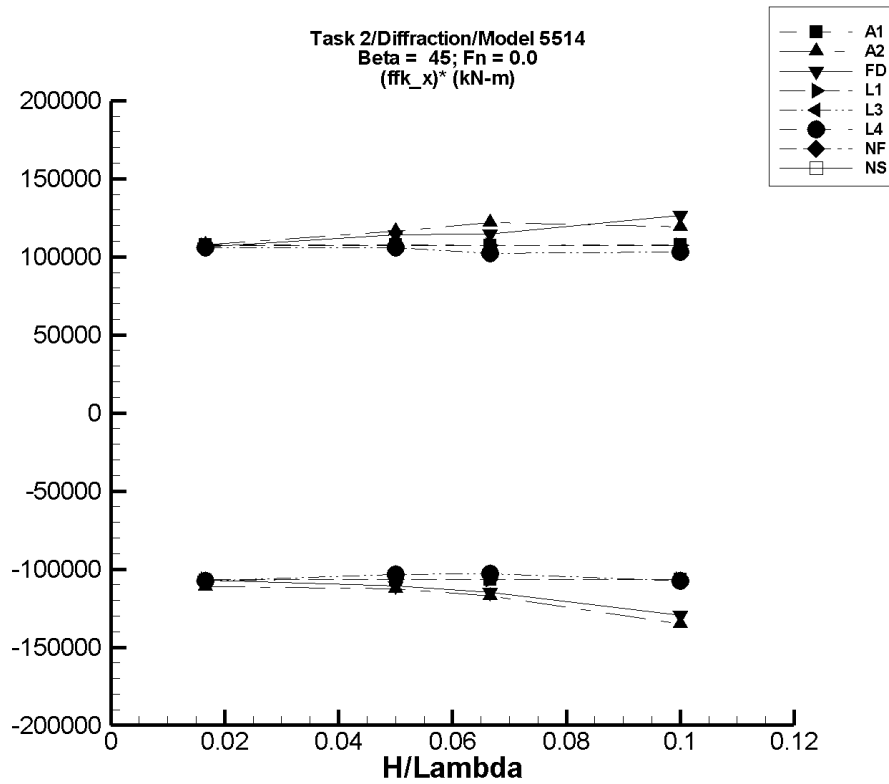


Figure R-120. Minimum and Maximum of $(F_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-953. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.74	-1.80E+03	1.80E+03	-1.79E+03	1.80E+03	-1.07E+05	1.08E+05
1/20	-5.21	-5.40E+03	5.40E+03	-5.34E+03	5.37E+03	-1.07E+05	1.08E+05
1/15	-6.93	-7.19E+03	7.19E+03	-7.11E+03	7.15E+03	-1.07E+05	1.07E+05
1/10	-10.4	-1.08E+04	1.08E+04	-1.07E+04	1.07E+04	-1.07E+05	1.08E+05

Table R-954. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-3.63	-2.25E+03	1.81E+03	-1.86E+03	1.79E+03	-1.11E+05	1.08E+05
1/20	-13.1	-5.71E+03	5.88E+03	-5.64E+03	5.81E+03	-1.13E+05	1.16E+05
1/15	-110.	-8.01E+03	8.37E+03	-7.91E+03	8.03E+03	-1.17E+05	1.22E+05
1/10	-667.	-1.45E+04	1.42E+04	-1.42E+04	1.12E+04	-1.35E+05	1.19E+05

Table R-955. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.437	-1.81E+03	1.79E+03	-1.79E+03	1.77E+03	-1.07E+05	1.06E+05
1/20	-3.67	-5.60E+03	5.77E+03	-5.54E+03	5.70E+03	-1.11E+05	1.14E+05
1/15	-4.03	-7.76E+03	7.73E+03	-7.67E+03	7.63E+03	-1.15E+05	1.15E+05
1/10	40.0	-1.31E+04	1.26E+04	-1.29E+04	1.27E+04	-1.29E+05	1.26E+05

Table R-956. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.05	-1.79E+03	1.79E+03	-1.78E+03	1.78E+03	-1.07E+05	1.07E+05
1/20	-3.15	-5.36E+03	5.36E+03	-5.34E+03	5.35E+03	-1.07E+05	1.07E+05
1/15	-4.19	-7.14E+03	7.14E+03	-7.11E+03	7.13E+03	-1.07E+05	1.07E+05
1/10	-6.29	-1.07E+04	1.07E+04	-1.07E+04	1.07E+04	-1.07E+05	1.07E+05

Table R-957. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.304	-1.80E+03	1.77E+03	-1.79E+03	1.76E+03	-1.08E+05	1.06E+05
1/20	-2.19	-5.20E+03	5.32E+03	-5.18E+03	5.29E+03	-1.04E+05	1.06E+05
1/15	7.54	-6.89E+03	6.84E+03	-6.86E+03	6.81E+03	-1.03E+05	1.02E+05
1/10	43.7	-1.08E+04	1.05E+04	-1.07E+04	1.04E+04	-1.08E+05	1.03E+05

Table R-958. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.304	-1.80E+03	1.77E+03	-1.79E+03	1.76E+03	-1.08E+05	1.06E+05
1/20	-2.19	-5.20E+03	5.32E+03	-5.18E+03	5.29E+03	-1.04E+05	1.06E+05
1/15	7.54	-6.89E+03	6.84E+03	-6.86E+03	6.81E+03	-1.03E+05	1.02E+05
1/10	43.7	-1.08E+04	1.05E+04	-1.07E+04	1.04E+04	-1.08E+05	1.03E+05

Table R–959. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{fk}} \rangle$	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–960. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{fk}} \rangle$	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

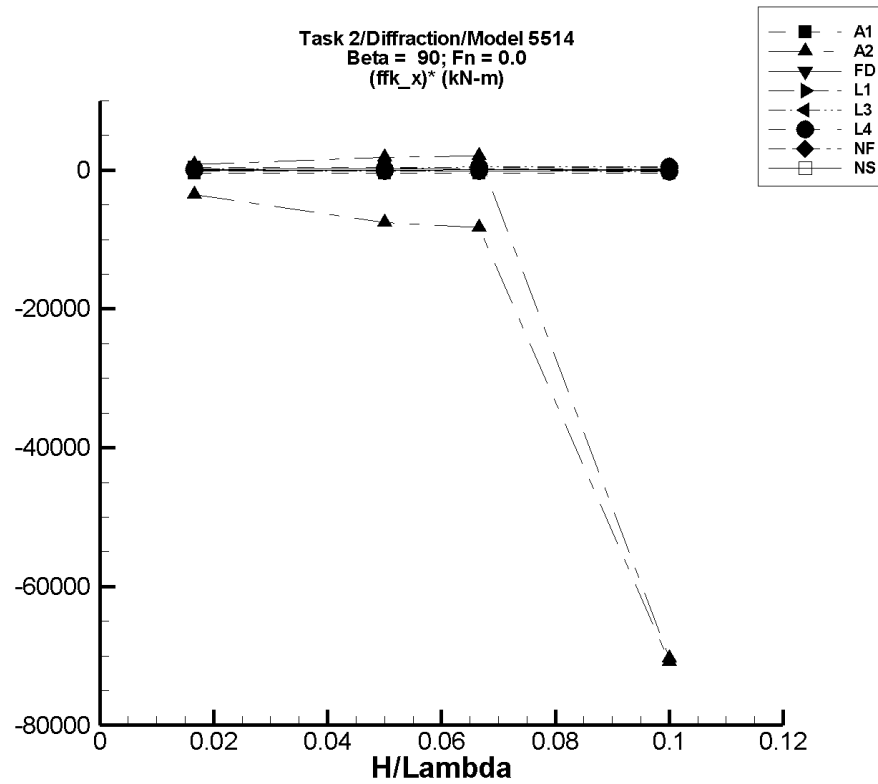


Figure R-121. Minimum and Maximum of $(F_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

Table R-961. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{fk}} \rangle$	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-5.03E-03	-6.91	6.91	-6.84	6.83	-410.	410.
1/20	-1.50E-02	-20.7	20.7	-20.5	20.4	-409.	409.
1/15	-2.00E-02	-27.5	27.5	-27.2	27.2	-408.	409.
1/10	-3.01E-02	-41.4	41.3	-40.9	40.9	-409.	409.

Table R-962. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{fk}} \rangle$	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.21	-451.	11.6	-60.6	11.3	-3.51E+03	813.
1/20	-59.1	-942.	40.3	-440.	30.8	-7.62E+03	1.80E+03
1/15	-99.0	-1.23E+03	66.7	-650.	39.1	-8.27E+03	2.07E+03
1/10	2.96E+03	-4.12E+03	-4.07E+03	-4.12E+03	-4.07E+03	-7.09E+04	-7.03E+04

Table R-963. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{fk}} \rangle$	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.666	-0.285	2.30	-0.152	2.09	-49.1	85.4
1/20	4.16	-0.213	13.4	3.93E-03	10.8	-83.2	133.
1/15	4.34	-4.75	14.6	-2.63	10.0	-105.	85.4
1/10	2.36	-13.7	17.0	-5.98	13.9	-83.4	115.

Table R-964. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.25E-03	-2.78	2.78	-2.77	2.77	-166.	166.
1/20	-3.65E-03	-8.33	8.33	-8.30	8.30	-166.	166.
1/15	-4.96E-03	-11.1	11.1	-11.1	11.1	-166.	166.
1/10	-7.30E-03	-16.7	16.7	-16.6	16.6	-166.	166.

Table R-965. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.702	-0.553	2.84	-0.547	2.81	-74.9	127.
1/20	4.12	-3.34	13.2	-3.01	12.9	-143.	176.
1/15	9.70	-3.26	47.0	-2.11	44.7	-177.	525.
1/10	8.38	-42.0	75.3	-13.1	56.3	-214.	479.

Table R-966. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.702	-0.553	2.84	-0.547	2.81	-74.9	127.
1/20	4.12	-3.34	13.2	-3.01	12.9	-143.	176.
1/15	9.70	-3.26	47.0	-2.11	44.7	-177.	525.
1/10	8.38	-42.0	75.3	-13.1	56.3	-214.	479.

Table R-967. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{fk}} \rangle$	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-968. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{fk}} \rangle$	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

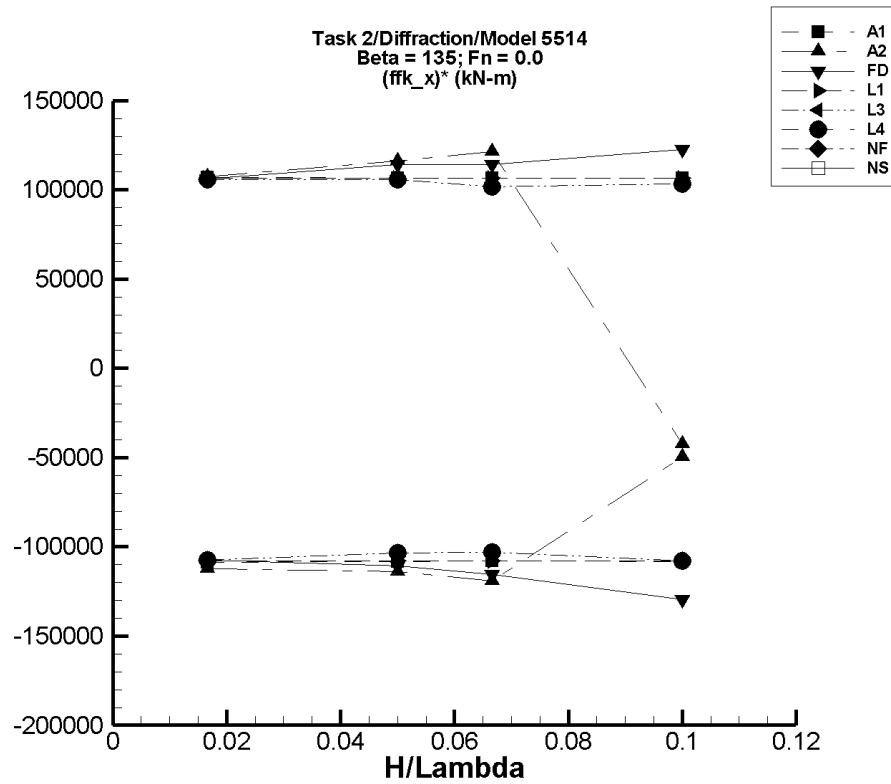


Figure R-122. Minimum and Maximum of $(F_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-969. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	1.83	-1.80E+03	1.80E+03	-1.81E+03	1.79E+03	-1.08E+05	1.07E+05
1/20	5.48	-5.40E+03	5.40E+03	-5.40E+03	5.34E+03	-1.08E+05	1.07E+05
1/15	7.30	-7.19E+03	7.19E+03	-7.20E+03	7.11E+03	-1.08E+05	1.07E+05
1/10	11.0	-1.08E+04	1.08E+04	-1.08E+04	1.07E+04	-1.08E+05	1.07E+05

Table R-970. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	2.16	-2.20E+03	1.81E+03	-1.87E+03	1.79E+03	-1.12E+05	1.07E+05
1/20	-7.66	-6.39E+03	5.88E+03	-5.70E+03	5.81E+03	-1.14E+05	1.16E+05
1/15	-75.1	-8.01E+03	8.20E+03	-8.00E+03	8.03E+03	-1.19E+05	1.22E+05
1/10	-5.65E+03	-1.06E+04	-9.89E+03	-1.06E+04	-9.89E+03	-4.96E+04	-4.23E+04

Table R-971. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.679	-1.81E+03	1.79E+03	-1.79E+03	1.77E+03	-1.08E+05	1.06E+05
1/20	-8.17E-02	-5.60E+03	5.77E+03	-5.54E+03	5.70E+03	-1.11E+05	1.14E+05
1/15	7.04	-7.76E+03	7.73E+03	-7.70E+03	7.63E+03	-1.16E+05	1.14E+05
1/10	34.8	-1.31E+04	1.26E+04	-1.29E+04	1.23E+04	-1.29E+05	1.23E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-972. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	4.00E-03	-1.79E+03	1.79E+03	-1.80E+03	1.78E+03	-1.08E+05	1.07E+05
1/20	1.19E-02	-5.36E+03	5.36E+03	-5.39E+03	5.34E+03	-1.08E+05	1.07E+05
1/15	1.61E-02	-7.14E+03	7.14E+03	-7.19E+03	7.11E+03	-1.08E+05	1.07E+05
1/10	2.34E-02	-1.07E+04	1.07E+04	-1.08E+04	1.07E+04	-1.08E+05	1.07E+05

Table R-973. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.892	-1.80E+03	1.77E+03	-1.79E+03	1.76E+03	-1.08E+05	1.06E+05
1/20	-3.67E-02	-5.20E+03	5.32E+03	-5.18E+03	5.29E+03	-1.04E+05	1.06E+05
1/15	11.5	-6.88E+03	6.84E+03	-6.86E+03	6.81E+03	-1.03E+05	1.02E+05
1/10	48.4	-1.08E+04	1.05E+04	-1.07E+04	1.04E+04	-1.08E+05	1.03E+05

Table R-974. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.892	-1.80E+03	1.77E+03	-1.79E+03	1.76E+03	-1.08E+05	1.06E+05
1/20	-3.67E-02	-5.20E+03	5.32E+03	-5.18E+03	5.29E+03	-1.04E+05	1.06E+05
1/15	11.5	-6.88E+03	6.84E+03	-6.86E+03	6.81E+03	-1.03E+05	1.02E+05
1/10	48.4	-1.08E+04	1.05E+04	-1.07E+04	1.04E+04	-1.08E+05	1.03E+05

Table R–975. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–976. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

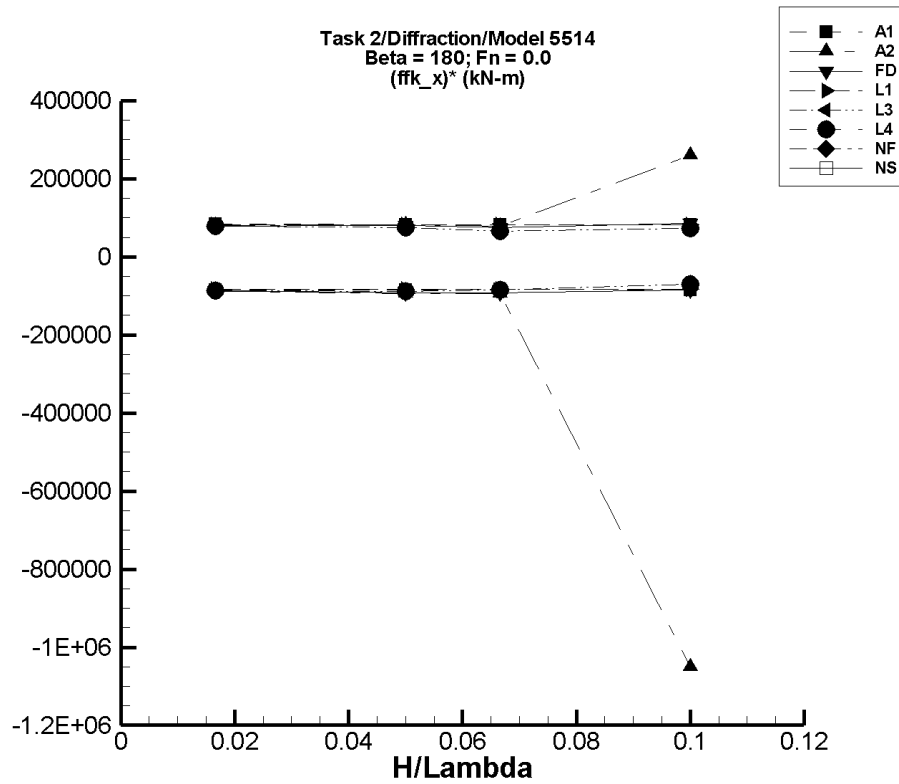


Figure R-123. Minimum and Maximum of $(F_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-977. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	1.48	-1.40E+03	1.40E+03	-1.40E+03	1.39E+03	-8.43E+04	8.31E+04
1/20	4.44	-4.19E+03	4.19E+03	-4.20E+03	4.15E+03	-8.41E+04	8.29E+04
1/15	5.91	-5.58E+03	5.58E+03	-5.59E+03	5.52E+03	-8.40E+04	8.27E+04
1/10	8.88	-8.39E+03	8.39E+03	-8.40E+03	8.29E+03	-8.41E+04	8.29E+04

Table R-978. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	4.79	-1.47E+03	1.36E+03	-1.47E+03	1.34E+03	-8.83E+04	8.03E+04
1/20	3.96	-5.19E+03	4.14E+03	-4.70E+03	4.08E+03	-9.40E+04	8.15E+04
1/15	-48.1	-6.48E+03	5.25E+03	-6.29E+03	5.18E+03	-9.37E+04	7.85E+04
1/10	-9.53E+03	-8.72E+05	1.05E+04	-1.15E+05	1.65E+04	-1.05E+06	2.60E+05

Table R-979. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.977	-1.44E+03	1.33E+03	-1.43E+03	1.32E+03	-8.61E+04	7.92E+04
1/20	18.5	-4.71E+03	4.06E+03	-4.61E+03	4.00E+03	-9.26E+04	7.97E+04
1/15	32.2	-6.33E+03	5.12E+03	-6.14E+03	5.00E+03	-9.26E+04	7.45E+04
1/10	35.3	-8.73E+03	8.97E+03	-8.52E+03	8.69E+03	-8.55E+04	8.65E+04

TASK 2/DIFFRACTION/MODEL 5514

Table R-980. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.378	-1.38E+03	1.38E+03	-1.39E+03	1.38E+03	-8.33E+04	8.26E+04
1/20	1.13	-4.15E+03	4.15E+03	-4.17E+03	4.13E+03	-8.33E+04	8.26E+04
1/15	1.51	-5.53E+03	5.53E+03	-5.55E+03	5.51E+03	-8.33E+04	8.26E+04
1/10	2.27	-8.30E+03	8.29E+03	-8.33E+03	8.26E+03	-8.33E+04	8.26E+04

Table R-981. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.946	-1.45E+03	1.32E+03	-1.45E+03	1.32E+03	-8.68E+04	7.90E+04
1/20	7.23	-4.46E+03	3.76E+03	-4.42E+03	3.74E+03	-8.86E+04	7.46E+04
1/15	19.9	-5.71E+03	4.47E+03	-5.65E+03	4.44E+03	-8.51E+04	6.63E+04
1/10	2.34	-7.02E+03	7.53E+03	-6.98E+03	7.33E+03	-6.98E+04	7.32E+04

Table R-982. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.946	-1.45E+03	1.32E+03	-1.45E+03	1.32E+03	-8.68E+04	7.90E+04
1/20	7.23	-4.46E+03	3.76E+03	-4.42E+03	3.74E+03	-8.86E+04	7.46E+04
1/15	19.9	-5.71E+03	4.47E+03	-5.65E+03	4.44E+03	-8.51E+04	6.63E+04
1/10	2.34	-7.02E+03	7.53E+03	-6.98E+03	7.33E+03	-6.98E+04	7.32E+04

Table R-983. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-984. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

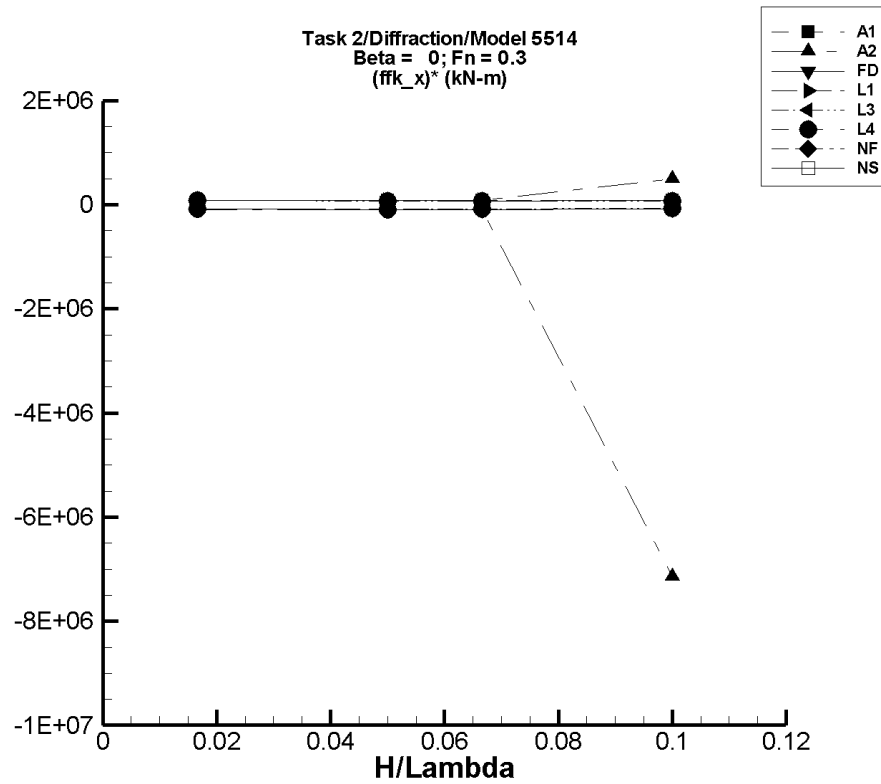


Figure R-124. Minimum and Maximum of $(F_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-985. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	1.06	-1.39E+03	1.39E+03	-1.39E+03	1.39E+03	-8.32E+04	8.32E+04
1/20	3.17	-4.15E+03	4.15E+03	-4.15E+03	4.15E+03	-8.30E+04	8.30E+04
1/15	4.22	-5.52E+03	5.52E+03	-5.52E+03	5.53E+03	-8.29E+04	8.29E+04
1/10	6.34	-8.30E+03	8.30E+03	-8.29E+03	8.30E+03	-8.30E+04	8.30E+04

Table R-986. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	2.85	-1.47E+03	1.36E+03	-1.47E+03	1.36E+03	-8.81E+04	8.12E+04
1/20	-10.9	-5.65E+03	4.14E+03	-4.81E+03	4.13E+03	-9.60E+04	8.29E+04
1/15	-72.5	-8.04E+03	5.36E+03	-6.48E+03	5.22E+03	-9.61E+04	7.94E+04
1/10	-1.79E+04	-2.88E+06	1.18E+04	-7.32E+05	3.22E+04	-7.14E+06	5.01E+05

Table R-987. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	3.91	-1.44E+03	1.33E+03	-1.44E+03	1.33E+03	-8.68E+04	7.98E+04
1/20	20.3	-4.71E+03	4.06E+03	-4.71E+03	4.05E+03	-9.45E+04	8.07E+04
1/15	37.8	-6.33E+03	5.14E+03	-6.32E+03	5.11E+03	-9.54E+04	7.61E+04
1/10	39.8	-8.74E+03	8.96E+03	-8.69E+03	8.90E+03	-8.73E+04	8.86E+04

TASK 2/DIFFRACTION/MODEL 5514

Table R-988. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	2.49	-1.37E+03	1.37E+03	-1.37E+03	1.37E+03	-8.23E+04	8.20E+04
1/20	7.48	-4.11E+03	4.11E+03	-4.11E+03	4.11E+03	-8.23E+04	8.20E+04
1/15	9.97	-5.48E+03	5.48E+03	-5.48E+03	5.48E+03	-8.23E+04	8.20E+04
1/10	15.0	-8.22E+03	8.22E+03	-8.22E+03	8.22E+03	-8.23E+04	8.20E+04

Table R-989. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	2.78	-1.45E+03	1.32E+03	-1.44E+03	1.32E+03	-8.69E+04	7.92E+04
1/20	9.66	-4.46E+03	3.76E+03	-4.46E+03	3.76E+03	-8.93E+04	7.49E+04
1/15	16.4	-5.71E+03	4.48E+03	-5.71E+03	4.47E+03	-8.58E+04	6.68E+04
1/10	21.3	-7.03E+03	7.54E+03	-7.01E+03	7.50E+03	-7.03E+04	7.48E+04

Table R-990. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	2.78	-1.45E+03	1.32E+03	-1.44E+03	1.32E+03	-8.69E+04	7.92E+04
1/20	9.66	-4.46E+03	3.76E+03	-4.46E+03	3.76E+03	-8.93E+04	7.49E+04
1/15	16.4	-5.71E+03	4.48E+03	-5.71E+03	4.47E+03	-8.58E+04	6.68E+04
1/10	21.3	-7.03E+03	7.54E+03	-7.01E+03	7.50E+03	-7.03E+04	7.48E+04

Table R–991. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{fk}} \rangle$	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–992. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{fk}} \rangle$	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

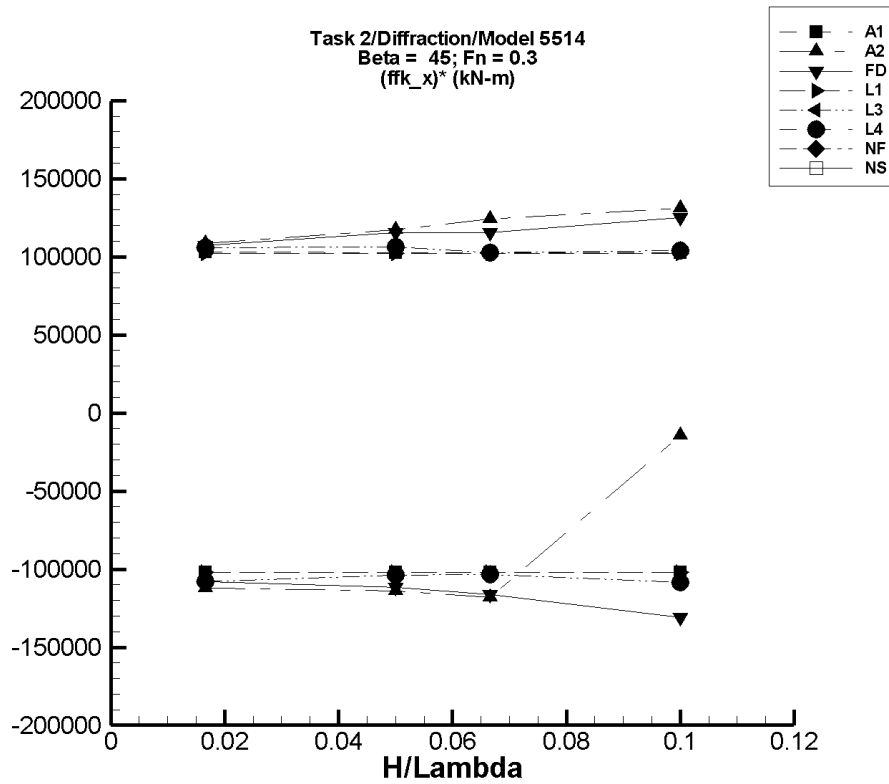


Figure R-125. Minimum and Maximum of $(F_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

Table R-993. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.04	-1.71E+03	1.71E+03	-1.71E+03	1.71E+03	-1.02E+05	1.03E+05
1/20	-6.09	-5.12E+03	5.12E+03	-5.10E+03	5.12E+03	-1.02E+05	1.03E+05
1/15	-8.11	-6.81E+03	6.81E+03	-6.80E+03	6.82E+03	-1.02E+05	1.02E+05
1/10	-12.2	-1.02E+04	1.02E+04	-1.02E+04	1.02E+04	-1.02E+05	1.03E+05

Table R-994. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.52	-2.25E+03	1.81E+03	-1.87E+03	1.81E+03	-1.12E+05	1.09E+05
1/20	-8.33	-6.40E+03	5.88E+03	-5.70E+03	5.87E+03	-1.14E+05	1.18E+05
1/15	-98.1	-8.01E+03	8.36E+03	-7.99E+03	8.19E+03	-1.18E+05	1.24E+05
1/10	-1.30E+04	-1.45E+04	-26.7	-1.44E+04	124.	-1.44E+04	1.31E+05

Table R-995. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.73	-1.81E+03	1.79E+03	-1.80E+03	1.79E+03	-1.08E+05	1.07E+05
1/20	-7.80	-5.60E+03	5.77E+03	-5.59E+03	5.76E+03	-1.12E+05	1.15E+05
1/15	-6.47	-7.77E+03	7.73E+03	-7.75E+03	7.71E+03	-1.16E+05	1.16E+05
1/10	27.4	-1.31E+04	1.26E+04	-1.31E+04	1.25E+04	-1.31E+05	1.25E+05

Table R-996. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	2.04E-04	-1.70E+03	1.70E+03	-1.70E+03	1.70E+03	-1.02E+05	1.02E+05
1/20	2.07E-04	-5.09E+03	5.09E+03	-5.10E+03	5.10E+03	-1.02E+05	1.02E+05
1/15	3.16E-04	-6.79E+03	6.79E+03	-6.80E+03	6.80E+03	-1.02E+05	1.02E+05
1/10	1.19E-03	-1.02E+04	1.02E+04	-1.02E+04	1.02E+04	-1.02E+05	1.02E+05

Table R-997. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.890	-1.80E+03	1.77E+03	-1.80E+03	1.77E+03	-1.08E+05	1.06E+05
1/20	-1.40	-5.20E+03	5.32E+03	-5.19E+03	5.31E+03	-1.04E+05	1.06E+05
1/15	4.31	-6.89E+03	6.84E+03	-6.88E+03	6.83E+03	-1.03E+05	1.02E+05
1/10	57.3	-1.08E+04	1.05E+04	-1.08E+04	1.04E+04	-1.08E+05	1.04E+05

Table R-998. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.890	-1.80E+03	1.77E+03	-1.80E+03	1.77E+03	-1.08E+05	1.06E+05
1/20	-1.40	-5.20E+03	5.32E+03	-5.19E+03	5.31E+03	-1.04E+05	1.06E+05
1/15	4.31	-6.89E+03	6.84E+03	-6.88E+03	6.83E+03	-1.03E+05	1.02E+05
1/10	57.3	-1.08E+04	1.05E+04	-1.08E+04	1.04E+04	-1.08E+05	1.04E+05

Table R-999. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1000. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

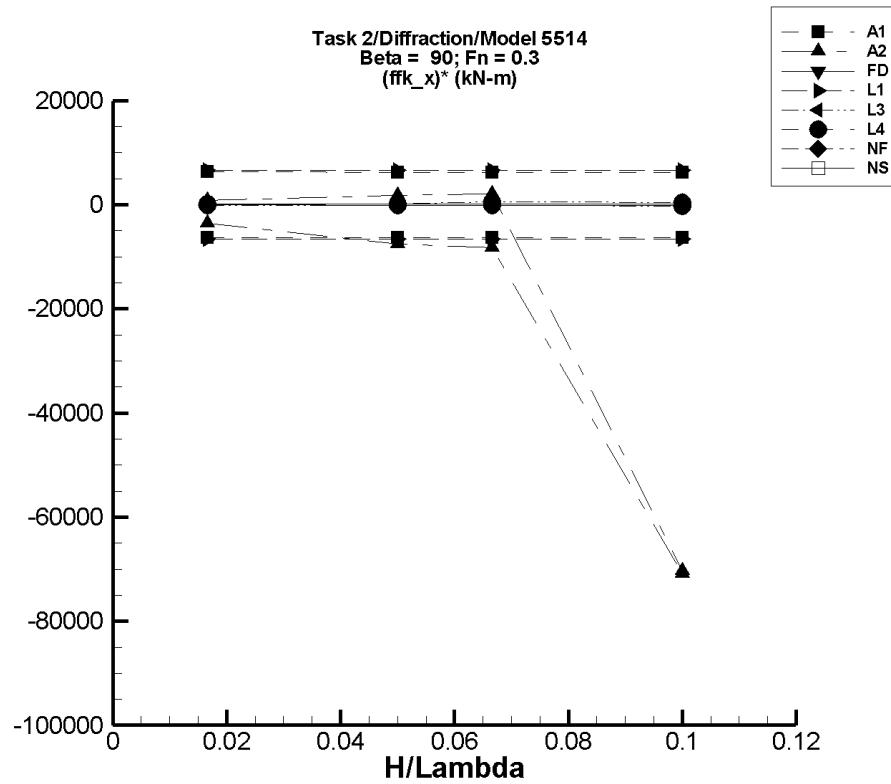


Figure R-126. Minimum and Maximum of $(F_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

Table R-1001. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	7.72E-02	-106.	106.	-105.	105.	-6.30E+03	6.29E+03
1/20	0.231	-317.	317.	-314.	314.	-6.28E+03	6.28E+03
1/15	0.307	-423.	423.	-418.	418.	-6.27E+03	6.27E+03
1/10	0.462	-635.	635.	-628.	628.	-6.28E+03	6.28E+03

Table R-1002. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.21	-451.	11.6	-60.6	11.3	-3.51E+03	813.
1/20	-59.1	-942.	40.3	-440.	30.8	-7.62E+03	1.80E+03
1/15	-99.0	-1.23E+03	66.7	-650.	39.1	-8.27E+03	2.07E+03
1/10	2.96E+03	-4.12E+03	-4.07E+03	-4.12E+03	-4.07E+03	-7.09E+04	-7.03E+04

Table R-1003. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.666	-0.285	2.30	-0.151	2.09	-49.0	85.4
1/20	4.16	-0.207	13.4	3.71E-03	10.8	-83.2	133.
1/15	4.34	-4.75	14.6	-2.62	10.0	-104.	85.4
1/10	2.36	-13.7	17.0	-5.98	13.9	-83.4	115.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1004. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{fk}} \rangle$	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-4.83E-02	-110.	110.	-109.	109.	-6.56E+03	6.57E+03
1/20	-0.145	-330.	330.	-328.	328.	-6.56E+03	6.57E+03
1/15	-0.193	-439.	439.	-438.	438.	-6.56E+03	6.57E+03
1/10	-0.289	-659.	659.	-656.	657.	-6.56E+03	6.57E+03

Table R-1005. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{fk}} \rangle$	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.702	-0.553	2.84	-0.547	2.81	-74.9	127.
1/20	4.12	-3.34	13.2	-3.01	12.9	-143.	176.
1/15	9.70	-3.27	47.0	-2.11	44.7	-177.	525.
1/10	8.38	-42.0	75.3	-13.1	56.3	-215.	479.

Table R-1006. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{fk}} \rangle$	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.702	-0.553	2.84	-0.547	2.81	-74.9	127.
1/20	4.12	-3.34	13.2	-3.01	12.9	-143.	176.
1/15	9.70	-3.27	47.0	-2.11	44.7	-177.	525.
1/10	8.38	-42.0	75.3	-13.1	56.3	-215.	479.

Table R-1007. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1008. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

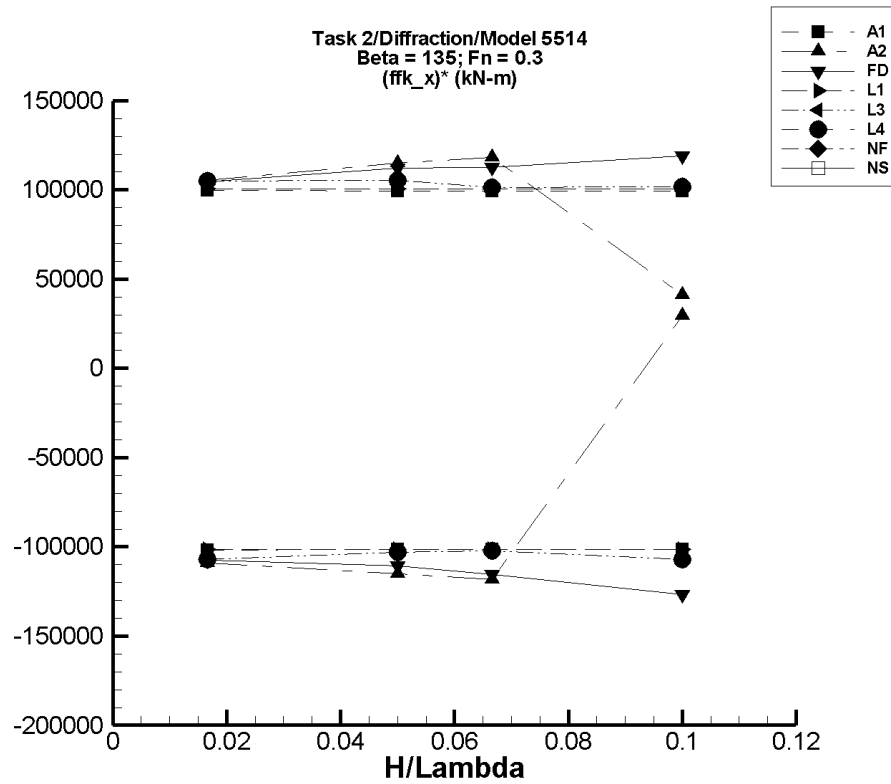


Figure R-127. Minimum and Maximum of $(F_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1009. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	2.39	-1.71E+03	1.71E+03	-1.69E+03	1.67E+03	-1.02E+05	9.98E+04
1/20	7.15	-5.12E+03	5.12E+03	-5.07E+03	4.98E+03	-1.02E+05	9.95E+04
1/15	9.52	-6.81E+03	6.81E+03	-6.75E+03	6.64E+03	-1.01E+05	9.94E+04
1/10	14.3	-1.02E+04	1.02E+04	-1.01E+04	9.97E+03	-1.02E+05	9.95E+04

Table R-1010. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	5.52	-1.82E+03	1.81E+03	-1.81E+03	1.76E+03	-1.09E+05	1.06E+05
1/20	-46.5	-6.73E+03	5.88E+03	-5.80E+03	5.70E+03	-1.15E+05	1.15E+05
1/15	-78.0	-8.00E+03	8.20E+03	-7.97E+03	7.81E+03	-1.18E+05	1.18E+05
1/10	-1.34E+04	-1.04E+04	-9.26E+03	-1.04E+04	-9.26E+03	2.96E+04	4.10E+04

Table R-1011. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	1.69	-1.81E+03	1.79E+03	-1.79E+03	1.74E+03	-1.07E+05	1.04E+05
1/20	7.99	-5.60E+03	5.77E+03	-5.52E+03	5.61E+03	-1.11E+05	1.12E+05
1/15	16.3	-7.76E+03	7.73E+03	-7.67E+03	7.53E+03	-1.15E+05	1.13E+05
1/10	64.9	-1.31E+04	1.26E+04	-1.26E+04	1.20E+04	-1.27E+05	1.19E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-1012. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	1.90	-1.70E+03	1.70E+03	-1.69E+03	1.68E+03	-1.01E+05	1.01E+05
1/20	5.69	-5.09E+03	5.09E+03	-5.07E+03	5.04E+03	-1.01E+05	1.01E+05
1/15	7.58	-6.78E+03	6.78E+03	-6.75E+03	6.72E+03	-1.01E+05	1.01E+05
1/10	11.4	-1.02E+04	1.02E+04	-1.01E+04	1.01E+04	-1.01E+05	1.01E+05

Table R-1013. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	2.75	-1.80E+03	1.77E+03	-1.78E+03	1.75E+03	-1.07E+05	1.05E+05
1/20	3.89	-5.20E+03	5.32E+03	-5.15E+03	5.26E+03	-1.03E+05	1.05E+05
1/15	9.43	-6.89E+03	6.84E+03	-6.81E+03	6.76E+03	-1.02E+05	1.01E+05
1/10	49.1	-1.08E+04	1.05E+04	-1.07E+04	1.02E+04	-1.07E+05	1.02E+05

Table R-1014. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	2.75	-1.80E+03	1.77E+03	-1.78E+03	1.75E+03	-1.07E+05	1.05E+05
1/20	3.89	-5.20E+03	5.32E+03	-5.15E+03	5.26E+03	-1.03E+05	1.05E+05
1/15	9.43	-6.89E+03	6.84E+03	-6.81E+03	6.76E+03	-1.02E+05	1.01E+05
1/10	49.1	-1.08E+04	1.05E+04	-1.07E+04	1.02E+04	-1.07E+05	1.02E+05

Table R-1015. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1016. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

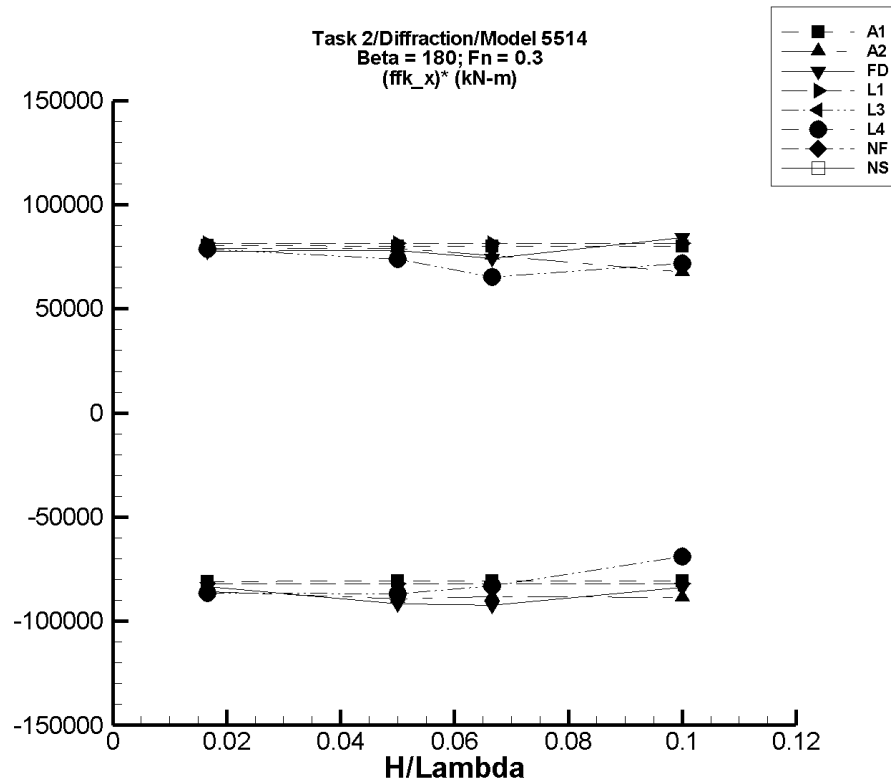


Figure R-128. Minimum and Maximum of $(F_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1017. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.24	-1.39E+03	1.39E+03	-1.35E+03	1.34E+03	-8.10E+04	8.05E+04
1/20	-6.70	-4.15E+03	4.14E+03	-4.04E+03	4.00E+03	-8.08E+04	8.02E+04
1/15	-8.92	-5.52E+03	5.52E+03	-5.39E+03	5.33E+03	-8.06E+04	8.01E+04
1/10	-13.4	-8.29E+03	8.29E+03	-8.09E+03	8.01E+03	-8.08E+04	8.02E+04

Table R-1018. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-4.24	-1.47E+03	1.36E+03	-1.44E+03	1.31E+03	-8.59E+04	7.91E+04
1/20	9.18	-4.80E+03	4.13E+03	-4.46E+03	3.96E+03	-8.94E+04	7.90E+04
1/15	-42.2	-6.49E+03	5.23E+03	-5.92E+03	4.99E+03	-8.82E+04	7.55E+04
1/10	-153.	-1.02E+04	9.68E+03	-9.01E+03	6.61E+03	-8.86E+04	6.76E+04

Table R-1019. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-4.53	-1.44E+03	1.33E+03	-1.40E+03	1.29E+03	-8.35E+04	7.78E+04
1/20	-10.7	-4.71E+03	4.06E+03	-4.60E+03	3.89E+03	-9.17E+04	7.79E+04
1/15	-15.3	-6.33E+03	5.12E+03	-6.17E+03	4.93E+03	-9.24E+04	7.42E+04
1/10	-22.4	-8.72E+03	8.92E+03	-8.41E+03	8.41E+03	-8.39E+04	8.44E+04

TASK 2/DIFFRACTION/MODEL 5514

Table R-1020. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.44	-1.37E+03	1.37E+03	-1.37E+03	1.35E+03	-8.21E+04	8.13E+04
1/20	-7.32	-4.11E+03	4.11E+03	-4.11E+03	4.06E+03	-8.21E+04	8.13E+04
1/15	-9.76	-5.48E+03	5.48E+03	-5.49E+03	5.41E+03	-8.21E+04	8.13E+04
1/10	-14.6	-8.22E+03	8.22E+03	-8.23E+03	8.12E+03	-8.21E+04	8.13E+04

Table R-1021. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.71	-1.44E+03	1.32E+03	-1.44E+03	1.31E+03	-8.64E+04	7.87E+04
1/20	5.64	-4.46E+03	3.76E+03	-4.34E+03	3.70E+03	-8.70E+04	7.38E+04
1/15	29.0	-5.71E+03	4.46E+03	-5.51E+03	4.38E+03	-8.30E+04	6.53E+04
1/10	5.81	-7.00E+03	7.51E+03	-6.88E+03	7.19E+03	-6.88E+04	7.19E+04

Table R-1022. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.71	-1.44E+03	1.32E+03	-1.44E+03	1.31E+03	-8.64E+04	7.87E+04
1/20	5.64	-4.46E+03	3.76E+03	-4.34E+03	3.70E+03	-8.70E+04	7.38E+04
1/15	29.0	-5.71E+03	4.46E+03	-5.51E+03	4.38E+03	-8.30E+04	6.53E+04
1/10	5.81	-7.00E+03	7.51E+03	-6.88E+03	7.19E+03	-6.88E+04	7.19E+04

Table R-1023. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1024. Minimum and Maximum of F_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_x^{fk}		Filtered F_x^{fk}		Filtered $(F_x^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

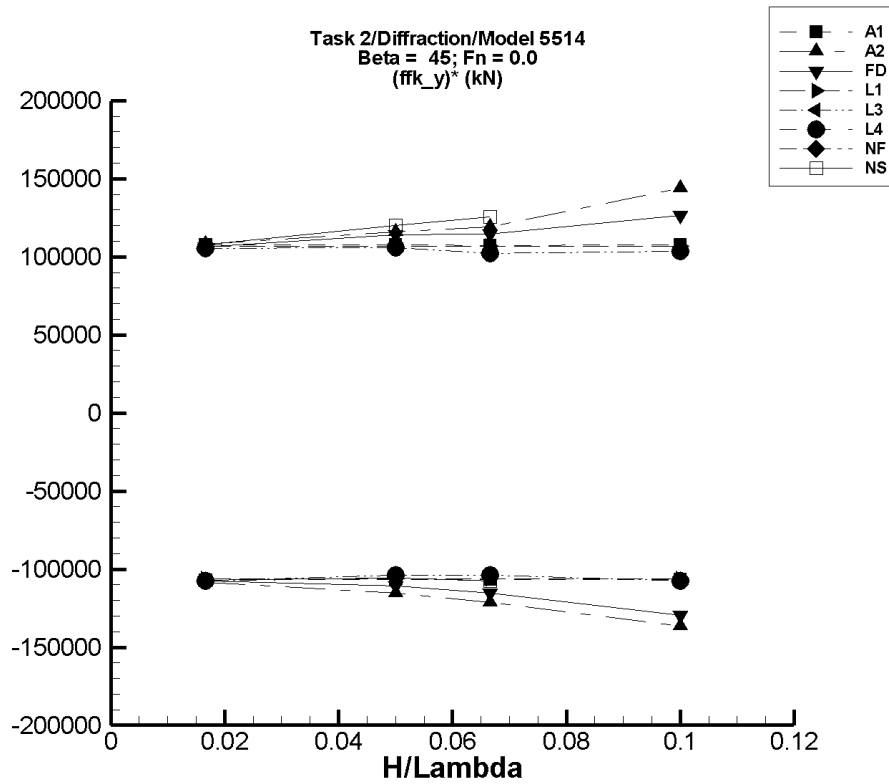


Figure R-129. Minimum and Maximum of $(F_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

Table R-1025. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.74	-1.80E+03	1.80E+03	-1.78E+03	1.80E+03	-1.07E+05	1.08E+05
1/20	-5.20	-5.40E+03	5.39E+03	-5.34E+03	5.37E+03	-1.07E+05	1.08E+05
1/15	-6.93	-7.19E+03	7.18E+03	-7.11E+03	7.15E+03	-1.06E+05	1.07E+05
1/10	-10.4	-1.08E+04	1.08E+04	-1.07E+04	1.07E+04	-1.07E+05	1.08E+05

Table R-1026. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.00	-1.84E+03	1.81E+03	-1.81E+03	1.80E+03	-1.09E+05	1.08E+05
1/20	45.9	-5.74E+03	5.93E+03	-5.72E+03	5.84E+03	-1.15E+05	1.16E+05
1/15	6.53	-8.11E+03	1.00E+04	-8.08E+03	7.96E+03	-1.21E+05	1.19E+05
1/10	-407.	-1.47E+04	2.52E+04	-1.41E+04	1.40E+04	-1.37E+05	1.44E+05

Table R-1027. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-8.38E-02	-1.81E+03	1.79E+03	-1.79E+03	1.77E+03	-1.07E+05	1.06E+05
1/20	-7.49	-5.61E+03	5.77E+03	-5.55E+03	5.70E+03	-1.11E+05	1.14E+05
1/15	-8.24	-7.77E+03	7.72E+03	-7.68E+03	7.63E+03	-1.15E+05	1.14E+05
1/10	38.7	-1.31E+04	1.26E+04	-1.29E+04	1.27E+04	-1.29E+05	1.27E+05

Table R-1028. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.04	-1.78E+03	1.78E+03	-1.77E+03	1.78E+03	-1.06E+05	1.07E+05
1/20	-3.13	-5.34E+03	5.34E+03	-5.32E+03	5.33E+03	-1.06E+05	1.07E+05
1/15	-4.18	-7.12E+03	7.12E+03	-7.09E+03	7.11E+03	-1.06E+05	1.07E+05
1/10	-6.27	-1.07E+04	1.07E+04	-1.06E+04	1.07E+04	-1.06E+05	1.07E+05

Table R-1029. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.01	-1.80E+03	1.76E+03	-1.79E+03	1.76E+03	-1.08E+05	1.06E+05
1/20	-6.40	-5.21E+03	5.32E+03	-5.19E+03	5.30E+03	-1.04E+05	1.06E+05
1/15	-2.74	-6.94E+03	6.85E+03	-6.92E+03	6.81E+03	-1.04E+05	1.02E+05
1/10	34.7	-1.08E+04	1.05E+04	-1.07E+04	1.04E+04	-1.07E+05	1.03E+05

Table R-1030. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.01	-1.80E+03	1.76E+03	-1.79E+03	1.76E+03	-1.08E+05	1.06E+05
1/20	-6.40	-5.21E+03	5.32E+03	-5.19E+03	5.30E+03	-1.04E+05	1.06E+05
1/15	-2.74	-6.94E+03	6.85E+03	-6.92E+03	6.81E+03	-1.04E+05	1.02E+05
1/10	34.7	-1.08E+04	1.05E+04	-1.07E+04	1.04E+04	-1.07E+05	1.03E+05

Table R-1031. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1032. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-4.85	-1.80E+03	1.81E+03	-1.79E+03	1.79E+03	-1.07E+05	1.08E+05
1/20	-29.0	-5.36E+03	5.95E+03	-5.30E+03	5.97E+03	-1.05E+05	1.20E+05
1/15	-28.1	-7.23E+03	8.33E+03	-7.19E+03	8.36E+03	-1.07E+05	1.26E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

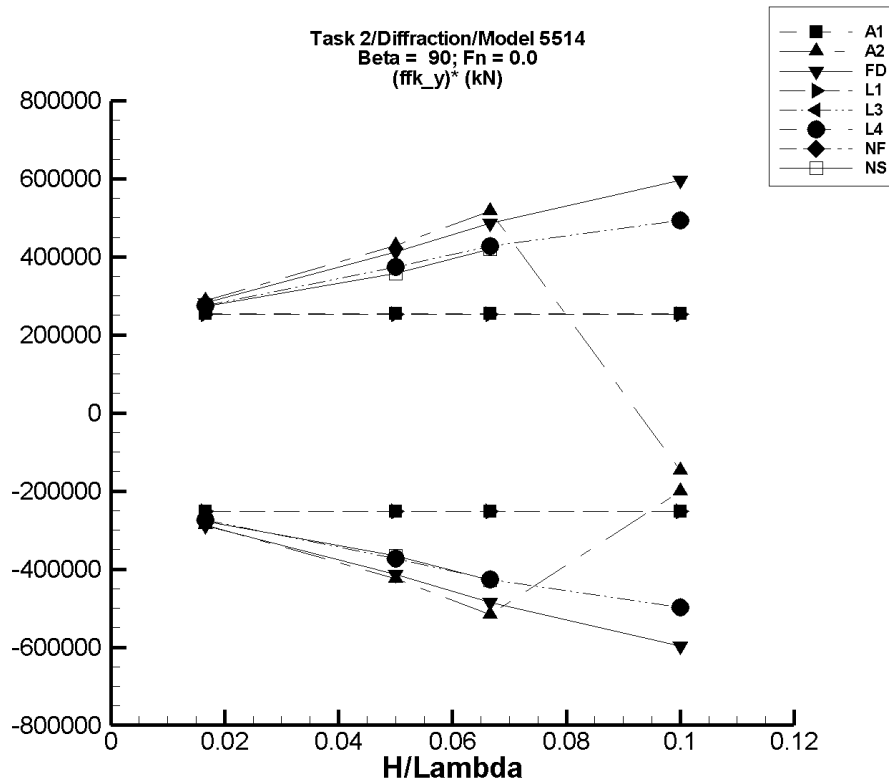


Figure R-130. Minimum and Maximum of $(F_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

Table R-1033. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-4.22	-4.26E+03	4.26E+03	-4.21E+03	4.25E+03	-2.52E+05	2.55E+05
1/20	-12.6	-1.27E+04	1.27E+04	-1.26E+04	1.27E+04	-2.52E+05	2.55E+05
1/15	-16.8	-1.70E+04	1.70E+04	-1.68E+04	1.69E+04	-2.51E+05	2.54E+05
1/10	-25.2	-2.55E+04	2.55E+04	-2.52E+04	2.54E+04	-2.52E+05	2.55E+05

Table R-1034. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-3.32	-4.86E+03	4.86E+03	-4.77E+03	4.78E+03	-2.86E+05	2.87E+05
1/20	-53.4	-2.19E+04	2.20E+04	-2.13E+04	2.14E+04	-4.25E+05	4.29E+05
1/15	-0.634	-3.55E+04	3.56E+04	-3.44E+04	3.45E+04	-5.16E+05	5.17E+05
1/10	3.03E+04	1.01E+04	1.55E+04	1.01E+04	1.55E+04	-2.01E+05	-1.48E+05

Table R-1035. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.864	-4.79E+03	4.79E+03	-4.82E+03	4.70E+03	-2.89E+05	2.82E+05
1/20	-26.8	-2.12E+04	2.12E+04	-2.07E+04	2.06E+04	-4.13E+05	4.13E+05
1/15	-53.5	-3.35E+04	3.35E+04	-3.23E+04	3.24E+04	-4.84E+05	4.87E+05
1/10	-64.8	-6.22E+04	6.22E+04	-5.97E+04	5.96E+04	-5.96E+05	5.97E+05

Table R-1036. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.92	-4.21E+03	4.21E+03	-4.20E+03	4.21E+03	-2.52E+05	2.53E+05
1/20	-8.76	-1.26E+04	1.26E+04	-1.26E+04	1.26E+04	-2.52E+05	2.53E+05
1/15	-11.7	-1.69E+04	1.69E+04	-1.68E+04	1.68E+04	-2.52E+05	2.53E+05
1/10	-17.5	-2.53E+04	2.53E+04	-2.52E+04	2.53E+04	-2.52E+05	2.53E+05

Table R-1037. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.24	-4.61E+03	4.61E+03	-4.58E+03	4.59E+03	-2.75E+05	2.75E+05
1/20	-0.220	-1.88E+04	1.88E+04	-1.87E+04	1.87E+04	-3.74E+05	3.73E+05
1/15	13.2	-2.88E+04	2.88E+04	-2.84E+04	2.84E+04	-4.27E+05	4.26E+05
1/10	186.	-5.01E+04	5.01E+04	-4.96E+04	4.96E+04	-4.98E+05	4.94E+05

Table R-1038. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.24	-4.61E+03	4.61E+03	-4.58E+03	4.59E+03	-2.75E+05	2.75E+05
1/20	-0.220	-1.88E+04	1.88E+04	-1.87E+04	1.87E+04	-3.74E+05	3.73E+05
1/15	13.2	-2.88E+04	2.88E+04	-2.84E+04	2.84E+04	-4.27E+05	4.26E+05
1/10	186.	-5.01E+04	5.01E+04	-4.96E+04	4.96E+04	-4.98E+05	4.94E+05

Table R-1039. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1040. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-5.71	-4.71E+03	4.62E+03	-4.64E+03	4.55E+03	-2.78E+05	2.73E+05
1/20	-21.2	-1.88E+04	1.83E+04	-1.83E+04	1.79E+04	-3.66E+05	3.58E+05
1/15	5.61	-2.91E+04	2.85E+04	-2.86E+04	2.80E+04	-4.29E+05	4.20E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

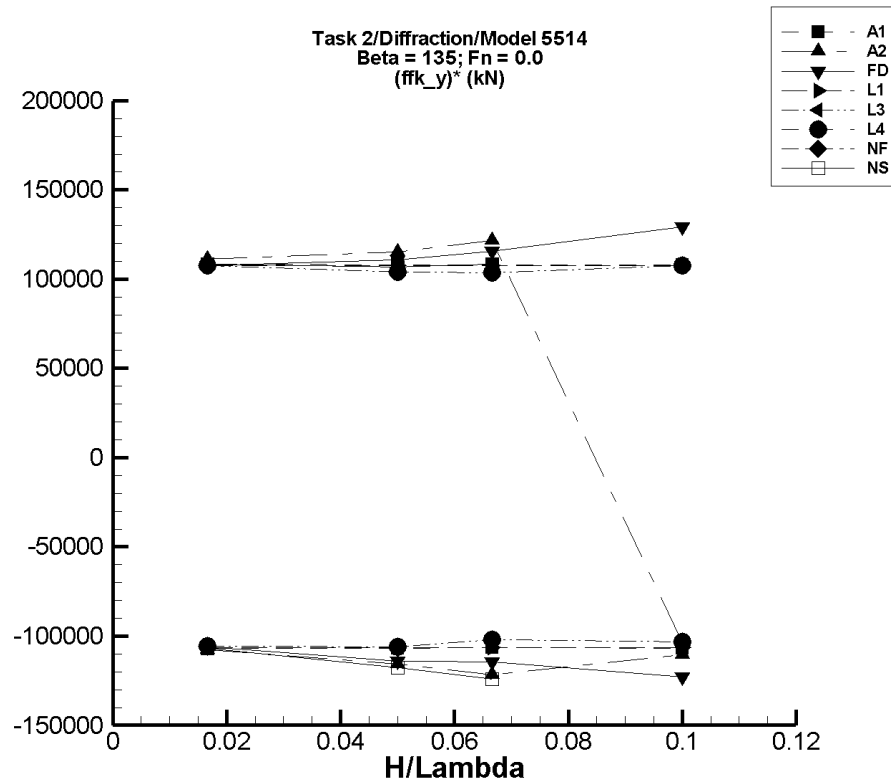


Figure R-131. Minimum and Maximum of $(F_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

Table R-1041. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.83	-1.80E+03	1.80E+03	-1.78E+03	1.81E+03	-1.07E+05	1.08E+05
1/20	-5.48	-5.40E+03	5.40E+03	-5.34E+03	5.40E+03	-1.07E+05	1.08E+05
1/15	-7.29	-7.19E+03	7.19E+03	-7.11E+03	7.19E+03	-1.06E+05	1.08E+05
1/10	-11.0	-1.08E+04	1.08E+04	-1.07E+04	1.08E+04	-1.07E+05	1.08E+05

Table R-1042. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.52	-1.81E+03	1.90E+03	-1.79E+03	1.85E+03	-1.08E+05	1.11E+05
1/20	-52.0	-5.92E+03	5.74E+03	-5.84E+03	5.71E+03	-1.16E+05	1.15E+05
1/15	-3.92	-8.39E+03	8.11E+03	-8.11E+03	8.11E+03	-1.22E+05	1.22E+05
1/10	2.11E+04	1.00E+04	1.07E+04	1.00E+04	1.07E+04	-1.10E+05	-1.03E+05

Table R-1043. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.110	-1.79E+03	1.81E+03	-1.77E+03	1.79E+03	-1.06E+05	1.08E+05
1/20	3.99	-5.77E+03	5.61E+03	-5.70E+03	5.55E+03	-1.14E+05	1.11E+05
1/15	-2.50	-7.72E+03	7.78E+03	-7.62E+03	7.72E+03	-1.14E+05	1.16E+05
1/10	-31.6	-1.26E+04	1.31E+04	-1.23E+04	1.29E+04	-1.23E+05	1.29E+05

Table R-1044. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-4.25E-03	-1.78E+03	1.78E+03	-1.77E+03	1.79E+03	-1.06E+05	1.07E+05
1/20	-1.18E-02	-5.34E+03	5.34E+03	-5.32E+03	5.37E+03	-1.06E+05	1.07E+05
1/15	-1.59E-02	-7.12E+03	7.12E+03	-7.09E+03	7.16E+03	-1.06E+05	1.07E+05
1/10	-2.30E-02	-1.07E+04	1.07E+04	-1.06E+04	1.07E+04	-1.06E+05	1.07E+05

Table R-1045. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.170	-1.76E+03	1.80E+03	-1.76E+03	1.79E+03	-1.05E+05	1.08E+05
1/20	4.50	-5.32E+03	5.21E+03	-5.30E+03	5.20E+03	-1.06E+05	1.04E+05
1/15	-1.67	-6.85E+03	6.94E+03	-6.81E+03	6.92E+03	-1.02E+05	1.04E+05
1/10	-38.8	-1.05E+04	1.08E+04	-1.04E+04	1.07E+04	-1.03E+05	1.07E+05

Table R-1046. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.170	-1.76E+03	1.80E+03	-1.76E+03	1.79E+03	-1.05E+05	1.08E+05
1/20	4.50	-5.32E+03	5.21E+03	-5.30E+03	5.20E+03	-1.06E+05	1.04E+05
1/15	-1.67	-6.85E+03	6.94E+03	-6.81E+03	6.92E+03	-1.02E+05	1.04E+05
1/10	-38.8	-1.05E+04	1.08E+04	-1.04E+04	1.07E+04	-1.03E+05	1.07E+05

Table R-1047. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1048. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-4.82	-1.81E+03	1.80E+03	-1.79E+03	1.80E+03	-1.07E+05	1.08E+05
1/20	-29.8	-5.99E+03	5.32E+03	-5.91E+03	5.31E+03	-1.18E+05	1.07E+05
1/15	-29.6	-8.37E+03	7.21E+03	-8.29E+03	7.19E+03	-1.24E+05	1.08E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

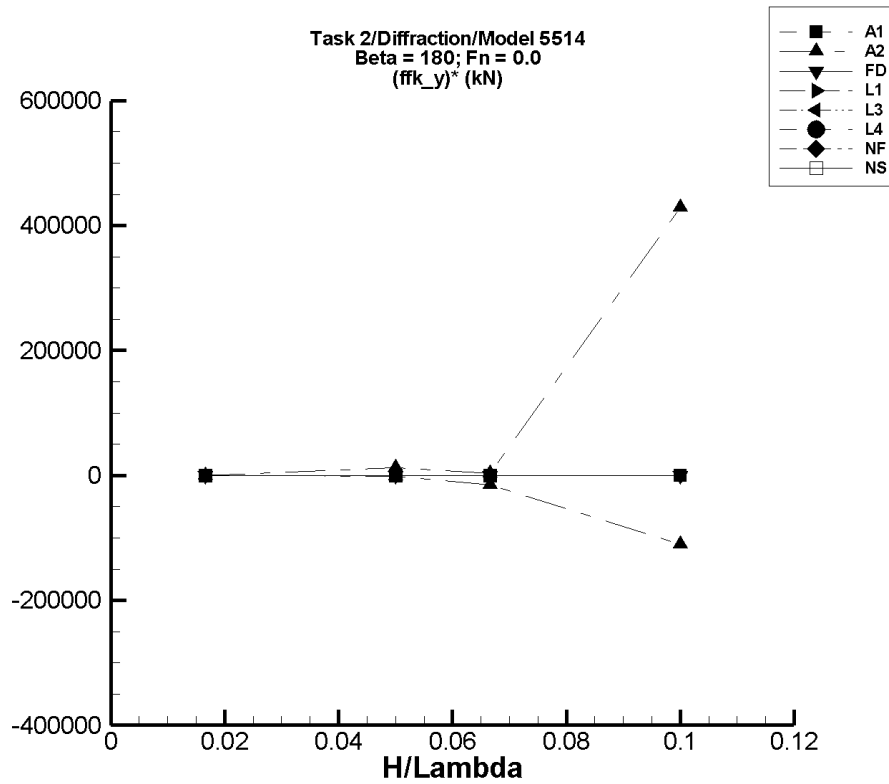


Figure R-132. Minimum and Maximum of $(F_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

Table R-1049. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-4.49E-08	-5.82E-05	5.82E-05	-5.76E-05	5.76E-05	-3.45E-03	3.46E-03
1/20	-1.34E-07	-1.74E-04	1.74E-04	-1.72E-04	1.72E-04	-3.44E-03	3.45E-03
1/15	-1.79E-07	-2.32E-04	2.32E-04	-2.29E-04	2.29E-04	-3.44E-03	3.44E-03
1/10	-2.68E-07	-3.48E-04	3.48E-04	-3.44E-04	3.44E-04	-3.44E-03	3.45E-03

Table R-1050. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-3.26E-06	-6.19E-04	8.70E-04	-1.70E-04	5.80E-05	-9.98E-03	3.68E-03
1/20	30.0	-2.72E-03	5.09E+03	-58.1	679.	-1.76E+03	1.30E+04
1/15	-88.7	-8.00E+03	4.07E-02	-1.10E+03	92.7	-1.52E+04	2.72E+03
1/10	4.34E+03	-4.87E+04	3.10E+05	-6.67E+03	4.73E+04	-1.10E+05	4.29E+05

Table R-1051. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.47E-05	-2.95E-03	1.39E-03	-4.47E-04	1.77E-04	-2.59E-02	1.15E-02
1/20	1.65E-04	-9.05E-03	5.44E-03	-1.43E-03	1.07E-03	-3.19E-02	1.81E-02
1/15	2.83E-04	-1.15E-02	1.20E-02	-1.53E-03	1.83E-03	-2.71E-02	2.32E-02
1/10	1.20E-04	-1.76E-02	2.72E-02	-2.78E-03	3.82E-03	-2.90E-02	3.70E-02

Table R-1052. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1053. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1054. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1055. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1056. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	5.09E-05	-1.21E-03	1.29E-03	-2.58E-04	2.82E-04	-1.86E-02	1.39E-02
1/20	8.31E-05	-4.01E-03	3.34E-03	-4.83E-04	9.98E-04	-1.13E-02	1.83E-02
1/15	-6.97E-05	-5.26E-03	4.69E-03	-2.02E-03	6.86E-04	-2.92E-02	1.13E-02
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

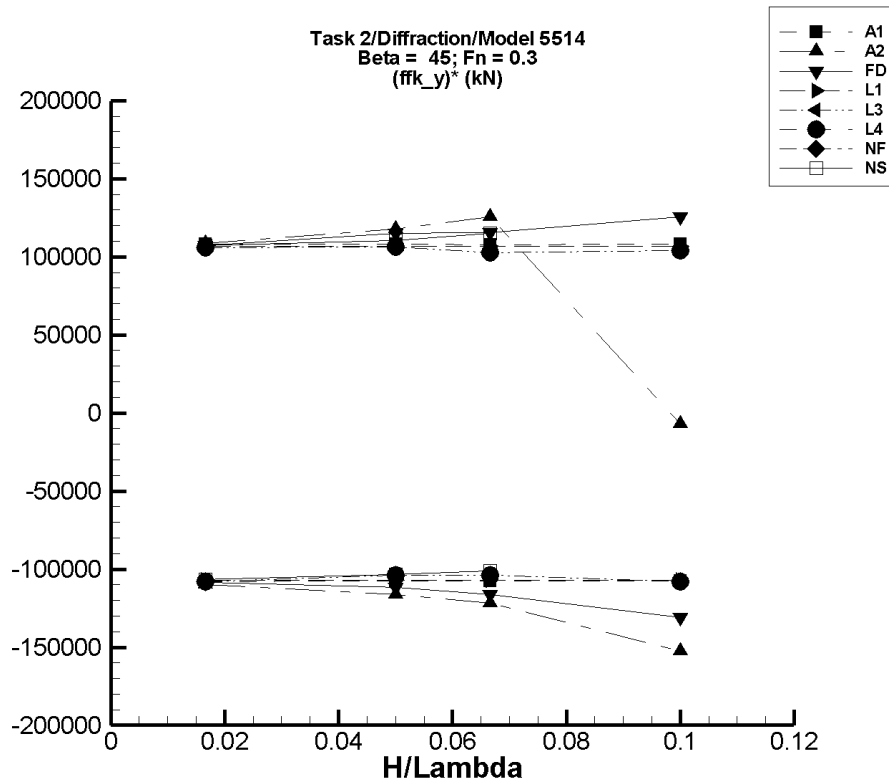


Figure R-133. Minimum and Maximum of $(F_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

Table R-1057. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.07	-1.80E+03	1.80E+03	-1.80E+03	1.80E+03	-1.08E+05	1.08E+05
1/20	-6.19	-5.40E+03	5.40E+03	-5.39E+03	5.39E+03	-1.08E+05	1.08E+05
1/15	-8.24	-7.19E+03	7.19E+03	-7.17E+03	7.18E+03	-1.07E+05	1.08E+05
1/10	-12.4	-1.08E+04	1.08E+04	-1.08E+04	1.08E+04	-1.08E+05	1.08E+05

Table R-1058. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.66	-1.84E+03	1.81E+03	-1.83E+03	1.81E+03	-1.10E+05	1.09E+05
1/20	24.5	-5.74E+03	5.93E+03	-5.79E+03	5.91E+03	-1.16E+05	1.18E+05
1/15	11.8	-8.11E+03	1.00E+04	-8.09E+03	8.37E+03	-1.22E+05	1.25E+05
1/10	818.	-1.46E+04	-26.7	-1.45E+04	130.	-1.53E+05	-6.88E+03

Table R-1059. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.31	-1.81E+03	1.79E+03	-1.81E+03	1.79E+03	-1.08E+05	1.07E+05
1/20	-11.8	-5.62E+03	5.77E+03	-5.60E+03	5.75E+03	-1.12E+05	1.15E+05
1/15	-10.3	-7.77E+03	7.72E+03	-7.75E+03	7.69E+03	-1.16E+05	1.16E+05
1/10	26.2	-1.31E+04	1.26E+04	-1.31E+04	1.26E+04	-1.31E+05	1.26E+05

Table R-1060. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.23E-02	-1.78E+03	1.78E+03	-1.79E+03	1.78E+03	-1.07E+05	1.07E+05
1/20	-3.73E-02	-5.34E+03	5.34E+03	-5.36E+03	5.35E+03	-1.07E+05	1.07E+05
1/15	-4.91E-02	-7.12E+03	7.12E+03	-7.15E+03	7.13E+03	-1.07E+05	1.07E+05
1/10	-7.44E-02	-1.07E+04	1.07E+04	-1.07E+04	1.07E+04	-1.07E+05	1.07E+05

Table R-1061. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.173	-1.80E+03	1.76E+03	-1.80E+03	1.76E+03	-1.08E+05	1.06E+05
1/20	-5.86	-5.21E+03	5.32E+03	-5.21E+03	5.32E+03	-1.04E+05	1.06E+05
1/15	-5.40	-6.94E+03	6.85E+03	-6.94E+03	6.83E+03	-1.04E+05	1.03E+05
1/10	47.5	-1.08E+04	1.05E+04	-1.08E+04	1.04E+04	-1.08E+05	1.04E+05

Table R-1062. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.173	-1.80E+03	1.76E+03	-1.80E+03	1.76E+03	-1.08E+05	1.06E+05
1/20	-5.86	-5.21E+03	5.32E+03	-5.21E+03	5.32E+03	-1.04E+05	1.06E+05
1/15	-5.40	-6.94E+03	6.85E+03	-6.94E+03	6.83E+03	-1.04E+05	1.03E+05
1/10	47.5	-1.08E+04	1.05E+04	-1.08E+04	1.04E+04	-1.08E+05	1.04E+05

Table R-1063. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1064. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	2.69	-1.79E+03	1.81E+03	-1.77E+03	1.79E+03	-1.07E+05	1.07E+05
1/20	35.9	-5.17E+03	5.62E+03	-5.12E+03	5.55E+03	-1.03E+05	1.10E+05
1/15	50.0	-6.72E+03	7.68E+03	-6.68E+03	7.71E+03	-1.01E+05	1.15E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

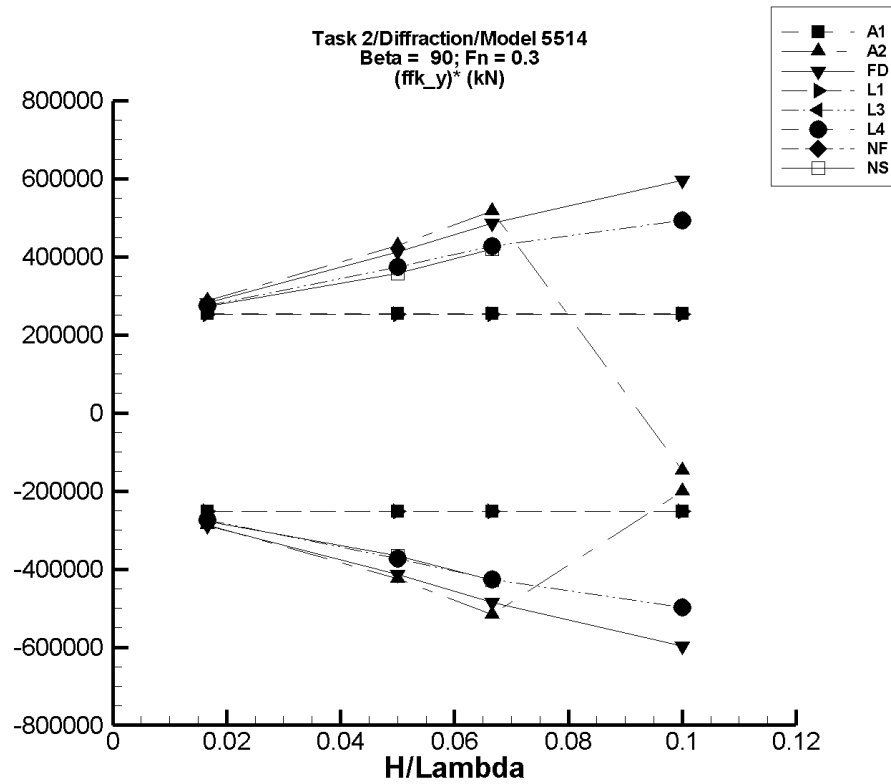


Figure R-134. Minimum and Maximum of $(F_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

Table R-1065. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-4.21	-4.26E+03	4.26E+03	-4.21E+03	4.25E+03	-2.52E+05	2.55E+05
1/20	-12.6	-1.27E+04	1.27E+04	-1.26E+04	1.27E+04	-2.52E+05	2.55E+05
1/15	-16.8	-1.69E+04	1.70E+04	-1.68E+04	1.69E+04	-2.51E+05	2.54E+05
1/10	-25.2	-2.55E+04	2.55E+04	-2.52E+04	2.54E+04	-2.52E+05	2.55E+05

Table R-1066. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-3.32	-4.86E+03	4.86E+03	-4.77E+03	4.78E+03	-2.86E+05	2.87E+05
1/20	-53.4	-2.19E+04	2.20E+04	-2.13E+04	2.14E+04	-4.25E+05	4.29E+05
1/15	-0.634	-3.55E+04	3.56E+04	-3.44E+04	3.45E+04	-5.16E+05	5.17E+05
1/10	3.03E+04	1.01E+04	1.55E+04	1.01E+04	1.55E+04	-2.01E+05	-1.48E+05

Table R-1067. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.864	-4.79E+03	4.79E+03	-4.82E+03	4.70E+03	-2.89E+05	2.82E+05
1/20	-26.8	-2.12E+04	2.12E+04	-2.07E+04	2.06E+04	-4.13E+05	4.13E+05
1/15	-53.5	-3.35E+04	3.35E+04	-3.23E+04	3.24E+04	-4.84E+05	4.87E+05
1/10	-64.8	-6.22E+04	6.22E+04	-5.97E+04	5.96E+04	-5.96E+05	5.97E+05

Table R-1068. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.92	-4.21E+03	4.21E+03	-4.19E+03	4.21E+03	-2.51E+05	2.53E+05
1/20	-8.76	-1.26E+04	1.26E+04	-1.26E+04	1.26E+04	-2.51E+05	2.53E+05
1/15	-11.7	-1.68E+04	1.68E+04	-1.68E+04	1.68E+04	-2.51E+05	2.53E+05
1/10	-17.5	-2.53E+04	2.53E+04	-2.52E+04	2.53E+04	-2.51E+05	2.53E+05

Table R-1069. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.24	-4.61E+03	4.61E+03	-4.58E+03	4.59E+03	-2.75E+05	2.75E+05
1/20	-0.220	-1.88E+04	1.88E+04	-1.87E+04	1.87E+04	-3.74E+05	3.73E+05
1/15	13.2	-2.88E+04	2.88E+04	-2.84E+04	2.84E+04	-4.27E+05	4.26E+05
1/10	186.	-5.01E+04	5.01E+04	-4.96E+04	4.96E+04	-4.98E+05	4.94E+05

Table R-1070. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.24	-4.61E+03	4.61E+03	-4.58E+03	4.59E+03	-2.75E+05	2.75E+05
1/20	-0.220	-1.88E+04	1.88E+04	-1.87E+04	1.87E+04	-3.74E+05	3.73E+05
1/15	13.2	-2.88E+04	2.88E+04	-2.84E+04	2.84E+04	-4.27E+05	4.26E+05
1/10	186.	-5.01E+04	5.01E+04	-4.96E+04	4.96E+04	-4.98E+05	4.94E+05

Table R-1071. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1072. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-5.62	-4.71E+03	4.62E+03	-4.64E+03	4.55E+03	-2.78E+05	2.74E+05
1/20	-19.8	-1.88E+04	1.83E+04	-1.83E+04	1.79E+04	-3.66E+05	3.58E+05
1/15	5.61	-2.91E+04	2.85E+04	-2.86E+04	2.80E+04	-4.29E+05	4.20E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

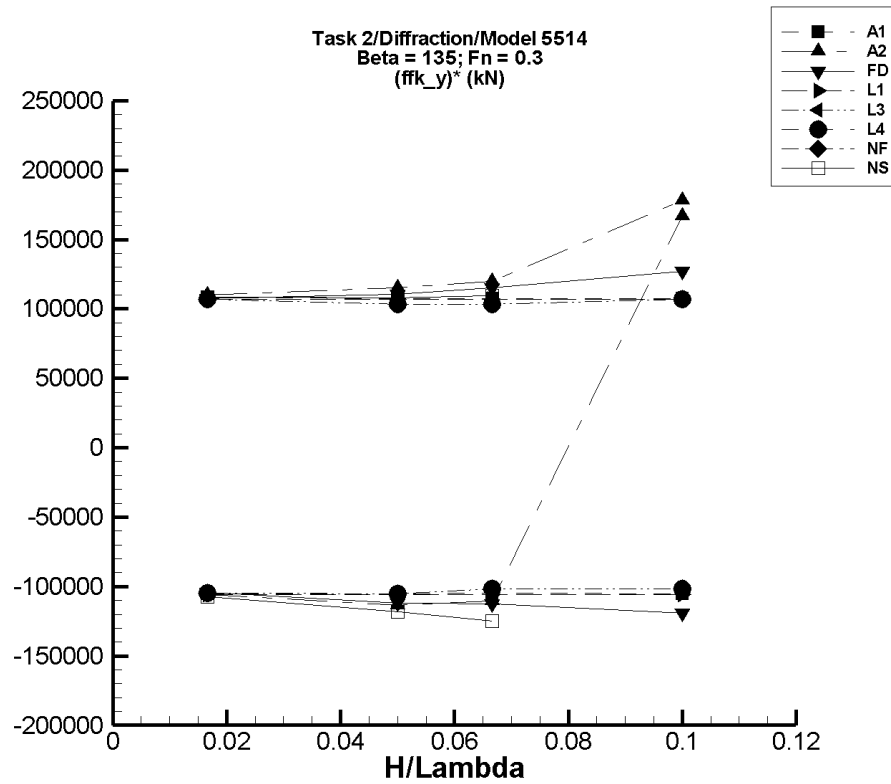


Figure R-135. Minimum and Maximum of $(F_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

Table R-1073. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.58	-1.80E+03	1.80E+03	-1.76E+03	1.80E+03	-1.05E+05	1.08E+05
1/20	-7.73	-5.40E+03	5.40E+03	-5.26E+03	5.37E+03	-1.05E+05	1.08E+05
1/15	-10.3	-7.19E+03	7.19E+03	-7.00E+03	7.15E+03	-1.05E+05	1.07E+05
1/10	-15.5	-1.08E+04	1.08E+04	-1.05E+04	1.07E+04	-1.05E+05	1.08E+05

Table R-1074. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.82	-1.81E+03	1.84E+03	-1.77E+03	1.83E+03	-1.06E+05	1.10E+05
1/20	-76.4	-5.93E+03	8.81E+03	-5.75E+03	5.69E+03	-1.13E+05	1.15E+05
1/15	97.4	-8.42E+03	8.11E+03	-7.25E+03	8.08E+03	-1.10E+05	1.20E+05
1/10	-7.31E+03	9.38E+03	1.05E+04	9.38E+03	1.05E+04	1.67E+05	1.78E+05

Table R-1075. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.05	-1.79E+03	1.81E+03	-1.74E+03	1.79E+03	-1.04E+05	1.07E+05
1/20	-4.20	-5.77E+03	5.61E+03	-5.61E+03	5.53E+03	-1.12E+05	1.11E+05
1/15	-12.0	-7.72E+03	7.77E+03	-7.53E+03	7.68E+03	-1.13E+05	1.15E+05
1/10	-63.6	-1.26E+04	1.31E+04	-1.20E+04	1.26E+04	-1.19E+05	1.27E+05

Table R-1076. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.02	-1.78E+03	1.78E+03	-1.76E+03	1.78E+03	-1.06E+05	1.07E+05
1/20	-6.07	-5.34E+03	5.34E+03	-5.29E+03	5.33E+03	-1.06E+05	1.07E+05
1/15	-8.09	-7.12E+03	7.12E+03	-7.06E+03	7.11E+03	-1.06E+05	1.07E+05
1/10	-12.1	-1.07E+04	1.07E+04	-1.06E+04	1.07E+04	-1.06E+05	1.07E+05

Table R-1077. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.01	-1.76E+03	1.80E+03	-1.75E+03	1.78E+03	-1.05E+05	1.07E+05
1/20	0.452	-5.32E+03	5.21E+03	-5.26E+03	5.17E+03	-1.05E+05	1.03E+05
1/15	0.409	-6.85E+03	6.94E+03	-6.76E+03	6.88E+03	-1.01E+05	1.03E+05
1/10	-39.1	-1.05E+04	1.08E+04	-1.02E+04	1.06E+04	-1.02E+05	1.07E+05

Table R-1078. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.01	-1.76E+03	1.80E+03	-1.75E+03	1.78E+03	-1.05E+05	1.07E+05
1/20	0.452	-5.32E+03	5.21E+03	-5.26E+03	5.17E+03	-1.05E+05	1.03E+05
1/15	0.409	-6.85E+03	6.94E+03	-6.76E+03	6.88E+03	-1.01E+05	1.03E+05
1/10	-39.1	-1.05E+04	1.08E+04	-1.02E+04	1.06E+04	-1.02E+05	1.07E+05

Table R-1079. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1080. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-8.65	-1.81E+03	1.80E+03	-1.79E+03	1.80E+03	-1.07E+05	1.09E+05
1/20	-56.4	-6.06E+03	5.33E+03	-5.98E+03	5.33E+03	-1.18E+05	1.08E+05
1/15	-63.7	-8.48E+03	7.25E+03	-8.40E+03	7.25E+03	-1.25E+05	1.10E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

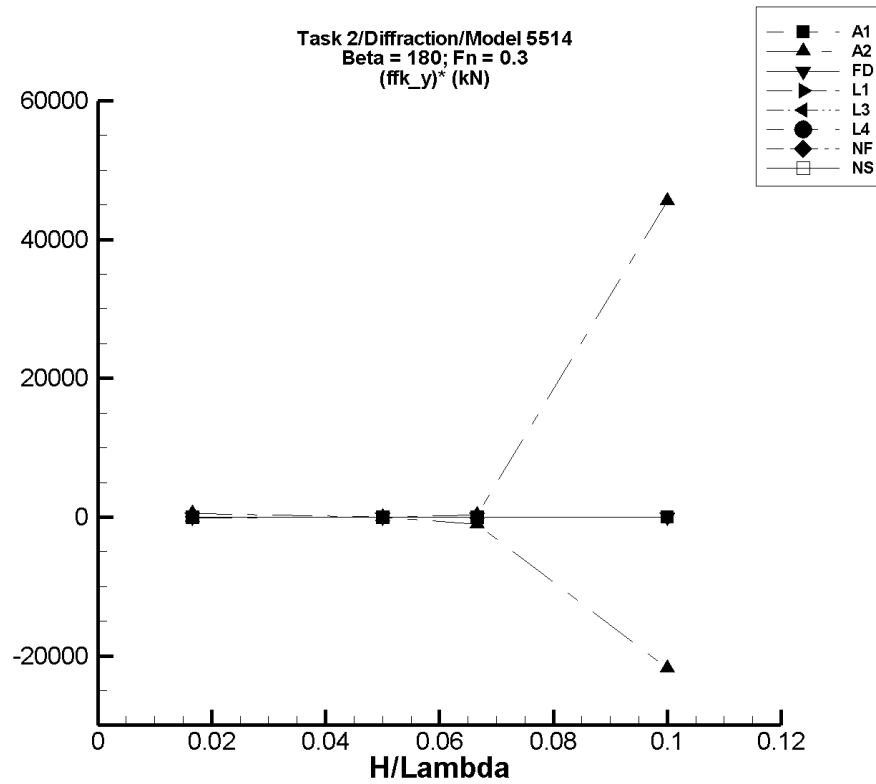


Figure R-136. Minimum and Maximum of $(F_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

Table R-1081. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	6.05E-08	-5.81E-05	5.82E-05	-5.62E-05	5.63E-05	-3.37E-03	3.37E-03
1/20	1.81E-07	-1.74E-04	1.74E-04	-1.68E-04	1.68E-04	-3.36E-03	3.36E-03
1/15	2.41E-07	-2.32E-04	2.32E-04	-2.24E-04	2.24E-04	-3.36E-03	3.36E-03
1/10	3.62E-07	-3.48E-04	3.48E-04	-3.36E-04	3.37E-04	-3.36E-03	3.36E-03

Table R-1082. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.875	-9.10E-05	71.8	-0.821	9.57	-102.	522.
1/20	5.23E-04	-2.75E-02	1.58E-02	-2.15E-03	2.59E-03	-5.35E-02	4.14E-02
1/15	-11.6	-659.	35.9	-83.3	7.26	-1.08E+03	283.
1/10	1.61E+03	-1.17E+03	4.38E+04	-573.	6.16E+03	-2.18E+04	4.55E+04

Table R-1083. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-3.28E-04	-1.89E-03	2.30E-03	-1.10E-03	8.02E-04	-4.64E-02	6.78E-02
1/20	-1.82E-05	-1.32E-02	7.22E-03	-5.04E-03	3.04E-03	-0.100	6.11E-02
1/15	-1.24E-04	-2.19E-02	2.58E-02	-8.44E-03	3.70E-03	-0.125	5.73E-02
1/10	-3.62E-03	-5.46E-02	3.40E-02	-2.07E-02	6.48E-03	-0.171	0.101

Table R-1084. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1085. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1086. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1087. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1088. Minimum and Maximum of F_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{fk}} \rangle$	Unfiltered F_y^{fk}		Filtered F_y^{fk}		Filtered $(F_y^{\text{fk}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	7.85E-05	-1.09E-03	1.87E-03	-2.75E-04	4.00E-04	-2.12E-02	1.93E-02
1/20	2.99E-05	-6.31E-03	5.03E-03	-5.96E-04	9.74E-04	-1.25E-02	1.89E-02
1/15	-1.21E-04	-8.84E-03	9.13E-03	-1.59E-03	1.21E-03	-2.20E-02	2.00E-02
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

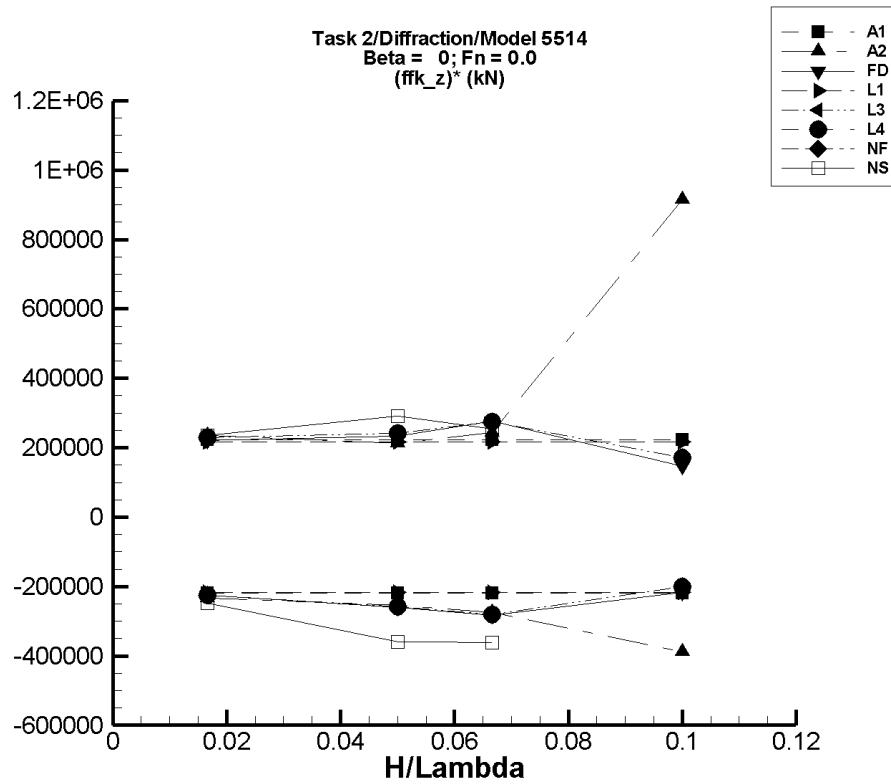


Figure R-137. Minimum and Maximum of $(F_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0.

Table R-1089. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-3.99	-3.71E+03	3.71E+03	-3.67E+03	3.71E+03	-2.20E+05	2.23E+05
1/20	-11.9	-1.11E+04	1.11E+04	-1.10E+04	1.11E+04	-2.19E+05	2.22E+05
1/15	-15.9	-1.48E+04	1.48E+04	-1.46E+04	1.48E+04	-2.19E+05	2.22E+05
1/10	-23.9	-2.22E+04	2.22E+04	-2.20E+04	2.22E+04	-2.19E+05	2.22E+05

Table R-1090. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	917.	-3.02E+03	4.88E+03	-2.98E+03	4.83E+03	-2.34E+05	2.35E+05
1/20	8.63E+03	-4.22E+03	1.94E+04	-4.07E+03	1.93E+04	-2.54E+05	2.13E+05
1/15	1.22E+04	-6.49E+03	2.85E+04	-6.09E+03	2.84E+04	-2.74E+05	2.44E+05
1/10	1.98E+04	-4.01E+04	8.44E+05	-1.90E+04	1.11E+05	-3.88E+05	9.16E+05

Table R-1091. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	802.	-3.01E+03	4.54E+03	-2.96E+03	4.49E+03	-2.26E+05	2.22E+05
1/20	8.06E+03	-5.12E+03	1.98E+04	-4.97E+03	1.97E+04	-2.61E+05	2.33E+05
1/15	1.04E+04	-1.08E+04	2.90E+04	-8.41E+03	2.88E+04	-2.82E+05	2.76E+05
1/10	1.15E+04	-1.32E+04	2.83E+04	-1.02E+04	2.61E+04	-2.17E+05	1.46E+05

Table R-1092. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.44	-3.63E+03	3.63E+03	-3.62E+03	3.62E+03	-2.17E+05	2.17E+05
1/20	-4.33	-1.09E+04	1.09E+04	-1.09E+04	1.09E+04	-2.17E+05	2.17E+05
1/15	-5.77	-1.45E+04	1.45E+04	-1.45E+04	1.45E+04	-2.17E+05	2.17E+05
1/10	-8.66	-2.18E+04	2.18E+04	-2.17E+04	2.17E+04	-2.17E+05	2.17E+05

Table R-1093. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	287.	-3.49E+03	4.12E+03	-3.48E+03	4.10E+03	-2.26E+05	2.29E+05
1/20	4.28E+03	-8.72E+03	1.64E+04	-8.68E+03	1.64E+04	-2.59E+05	2.42E+05
1/15	4.78E+03	-1.52E+04	2.30E+04	-1.40E+04	2.30E+04	-2.81E+05	2.73E+05
1/10	2.24E+03	-1.98E+04	2.02E+04	-1.77E+04	1.93E+04	-2.00E+05	1.71E+05

Table R-1094. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	287.	-3.49E+03	4.12E+03	-3.48E+03	4.10E+03	-2.26E+05	2.29E+05
1/20	4.28E+03	-8.72E+03	1.64E+04	-8.68E+03	1.64E+04	-2.59E+05	2.42E+05
1/15	4.78E+03	-1.52E+04	2.30E+04	-1.40E+04	2.30E+04	-2.81E+05	2.73E+05
1/10	2.24E+03	-1.98E+04	2.02E+04	-1.77E+04	1.93E+04	-2.00E+05	1.71E+05

Table R-1095. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1096. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	263.	-3.92E+03	4.22E+03	-3.88E+03	4.19E+03	-2.48E+05	2.36E+05
1/20	2.57E+03	-1.56E+04	1.70E+04	-1.54E+04	1.71E+04	-3.59E+05	2.91E+05
1/15	6.02E+03	-1.82E+04	2.30E+04	-1.81E+04	2.30E+04	-3.61E+05	2.54E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

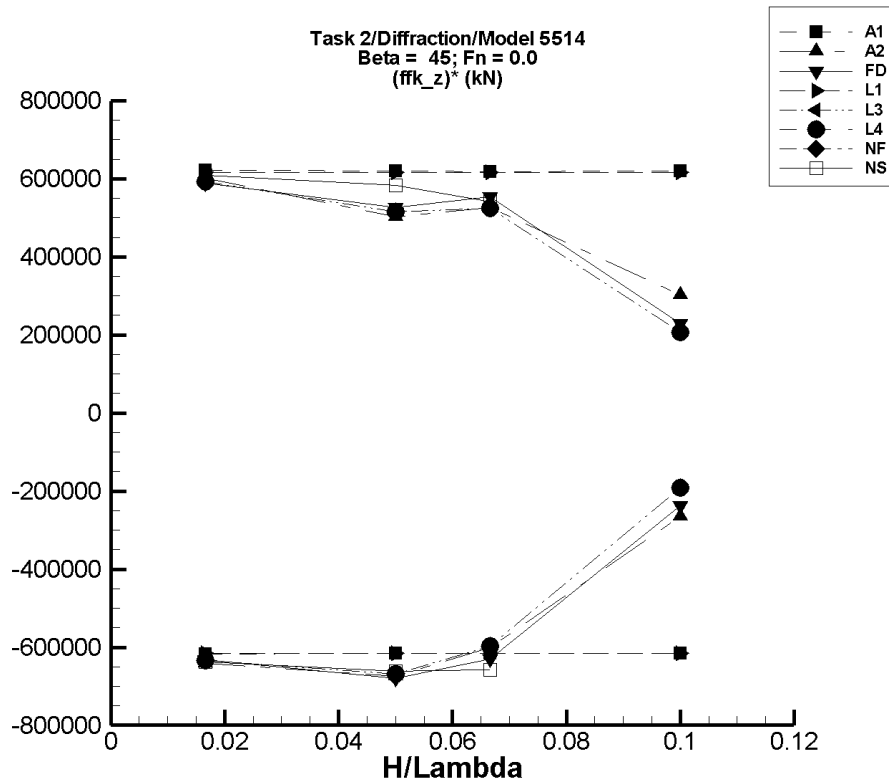


Figure R-138. Minimum and Maximum of $(F_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

Table R-1097. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-9.84	-1.04E+04	1.04E+04	-1.03E+04	1.03E+04	-6.18E+05	6.21E+05
1/20	-29.4	-3.12E+04	3.12E+04	-3.08E+04	3.09E+04	-6.16E+05	6.19E+05
1/15	-39.2	-4.15E+04	4.15E+04	-4.11E+04	4.12E+04	-6.15E+05	6.18E+05
1/10	-58.9	-6.24E+04	6.24E+04	-6.17E+04	6.19E+04	-6.16E+05	6.19E+05

Table R-1098. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	917.	-9.91E+03	1.11E+04	-9.79E+03	1.10E+04	-6.42E+05	6.02E+05
1/20	8.57E+03	-2.57E+04	3.39E+04	-2.51E+04	3.37E+04	-6.74E+05	5.03E+05
1/15	1.16E+04	-2.93E+04	4.70E+04	-2.85E+04	4.67E+04	-6.02E+05	5.26E+05
1/10	9.05E+03	-2.27E+04	5.53E+04	-1.75E+04	3.93E+04	-2.65E+05	3.02E+05

Table R-1099. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	806.	-9.87E+03	1.07E+04	-9.74E+03	1.06E+04	-6.33E+05	5.88E+05
1/20	7.98E+03	-2.65E+04	3.45E+04	-2.60E+04	3.43E+04	-6.79E+05	5.25E+05
1/15	1.00E+04	-3.28E+04	4.74E+04	-3.20E+04	4.70E+04	-6.30E+05	5.54E+05
1/10	1.13E+04	-1.29E+04	3.49E+04	-1.24E+04	3.43E+04	-2.37E+05	2.30E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-1100. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{fk} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{fk})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-5.27	-1.03E+04	1.03E+04	-1.03E+04	1.03E+04	-6.16E+05	6.17E+05
1/20	-15.8	-3.09E+04	3.09E+04	-3.08E+04	3.08E+04	-6.16E+05	6.17E+05
1/15	-21.1	-4.13E+04	4.13E+04	-4.11E+04	4.11E+04	-6.16E+05	6.17E+05
1/10	-31.6	-6.19E+04	6.19E+04	-6.16E+04	6.16E+04	-6.16E+05	6.17E+05

Table R-1101. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{fk} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{fk})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	283.	-1.03E+04	1.02E+04	-1.03E+04	1.02E+04	-6.34E+05	5.93E+05
1/20	4.27E+03	-2.93E+04	3.01E+04	-2.92E+04	3.00E+04	-6.69E+05	5.15E+05
1/15	4.65E+03	-3.54E+04	3.97E+04	-3.51E+04	3.96E+04	-5.97E+05	5.24E+05
1/10	2.14E+03	-1.75E+04	2.35E+04	-1.71E+04	2.29E+04	-1.92E+05	2.07E+05

Table R-1102. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{fk} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{fk})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	283.	-1.03E+04	1.02E+04	-1.03E+04	1.02E+04	-6.34E+05	5.93E+05
1/20	4.27E+03	-2.93E+04	3.01E+04	-2.92E+04	3.00E+04	-6.69E+05	5.15E+05
1/15	4.65E+03	-3.54E+04	3.97E+04	-3.51E+04	3.96E+04	-5.97E+05	5.24E+05
1/10	2.14E+03	-1.75E+04	2.35E+04	-1.71E+04	2.29E+04	-1.92E+05	2.07E+05

Table R-1103. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1104. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	229.	-1.05E+04	1.04E+04	-1.04E+04	1.04E+04	-6.37E+05	6.08E+05
1/20	2.22E+03	-3.13E+04	3.14E+04	-3.09E+04	3.14E+04	-6.61E+05	5.84E+05
1/15	5.33E+03	-3.89E+04	4.13E+04	-3.85E+04	4.13E+04	-6.57E+05	5.40E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

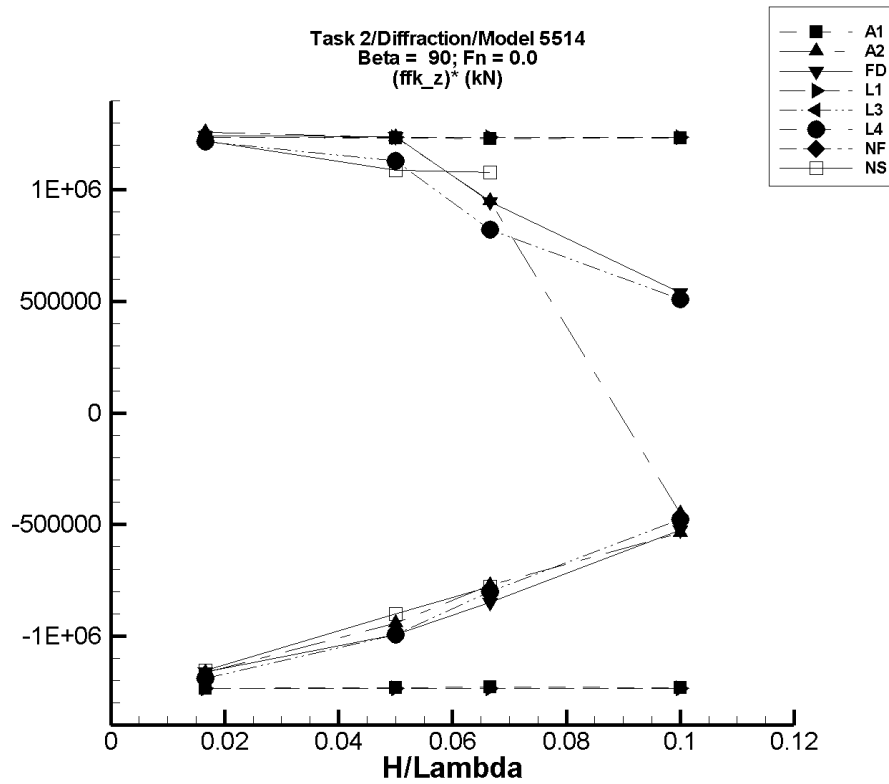


Figure R-139. Minimum and Maximum of $(F_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

Table R-1105. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-15.1	-2.08E+04	2.08E+04	-2.06E+04	2.06E+04	-1.23E+06	1.24E+06
1/20	-45.2	-6.22E+04	6.22E+04	-6.16E+04	6.15E+04	-1.23E+06	1.23E+06
1/15	-60.2	-8.29E+04	8.28E+04	-8.20E+04	8.19E+04	-1.23E+06	1.23E+06
1/10	-90.5	-1.24E+05	1.24E+05	-1.23E+05	1.23E+05	-1.23E+06	1.23E+06

Table R-1106. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	915.	-1.87E+04	2.21E+04	-1.85E+04	2.19E+04	-1.17E+06	1.26E+06
1/20	8.32E+03	-3.93E+04	7.10E+04	-3.89E+04	7.02E+04	-9.44E+05	1.24E+06
1/15	1.20E+04	-4.02E+04	7.58E+04	-3.96E+04	7.53E+04	-7.73E+05	9.50E+05
1/10	3.32E+04	-2.04E+04	-1.19E+04	-2.04E+04	-1.19E+04	-5.37E+05	-4.52E+05

Table R-1107. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	808.	-1.87E+04	2.17E+04	-1.85E+04	2.15E+04	-1.16E+06	1.24E+06
1/20	8.08E+03	-4.19E+04	7.09E+04	-4.16E+04	7.01E+04	-9.93E+05	1.24E+06
1/15	1.07E+04	-4.60E+04	7.52E+04	-4.60E+04	7.38E+04	-8.50E+05	9.46E+05
1/10	1.34E+04	-4.11E+04	7.67E+04	-3.90E+04	6.73E+04	-5.24E+05	5.39E+05

Table R-1108. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.08	-2.07E+04	2.07E+04	-2.06E+04	2.06E+04	-1.24E+06	1.23E+06
1/20	27.2	-6.20E+04	6.20E+04	-6.18E+04	6.17E+04	-1.24E+06	1.23E+06
1/15	36.3	-8.26E+04	8.26E+04	-8.23E+04	8.23E+04	-1.24E+06	1.23E+06
1/10	54.4	-1.24E+05	1.24E+05	-1.24E+05	1.23E+05	-1.24E+06	1.23E+06

Table R-1109. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	304.	-1.96E+04	2.07E+04	-1.95E+04	2.06E+04	-1.19E+06	1.22E+06
1/20	4.45E+03	-4.53E+04	6.12E+04	-4.52E+04	6.10E+04	-9.92E+05	1.13E+06
1/15	5.37E+03	-4.81E+04	6.17E+04	-4.81E+04	6.02E+04	-8.02E+05	8.22E+05
1/10	5.10E+03	-4.34E+04	6.13E+04	-4.25E+04	5.60E+04	-4.76E+05	5.09E+05

Table R-1110. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	304.	-1.96E+04	2.07E+04	-1.95E+04	2.06E+04	-1.19E+06	1.22E+06
1/20	4.45E+03	-4.53E+04	6.12E+04	-4.52E+04	6.10E+04	-9.92E+05	1.13E+06
1/15	5.37E+03	-4.81E+04	6.17E+04	-4.81E+04	6.02E+04	-8.02E+05	8.22E+05
1/10	5.10E+03	-4.34E+04	6.13E+04	-4.25E+04	5.60E+04	-4.76E+05	5.09E+05

Table R-1111. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1112. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	194.	-1.92E+04	2.07E+04	-1.91E+04	2.05E+04	-1.16E+06	1.22E+06
1/20	1.93E+03	-4.33E+04	5.69E+04	-4.31E+04	5.64E+04	-9.01E+05	1.09E+06
1/15	4.74E+03	-4.73E+04	7.69E+04	-4.71E+04	7.65E+04	-7.78E+05	1.08E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

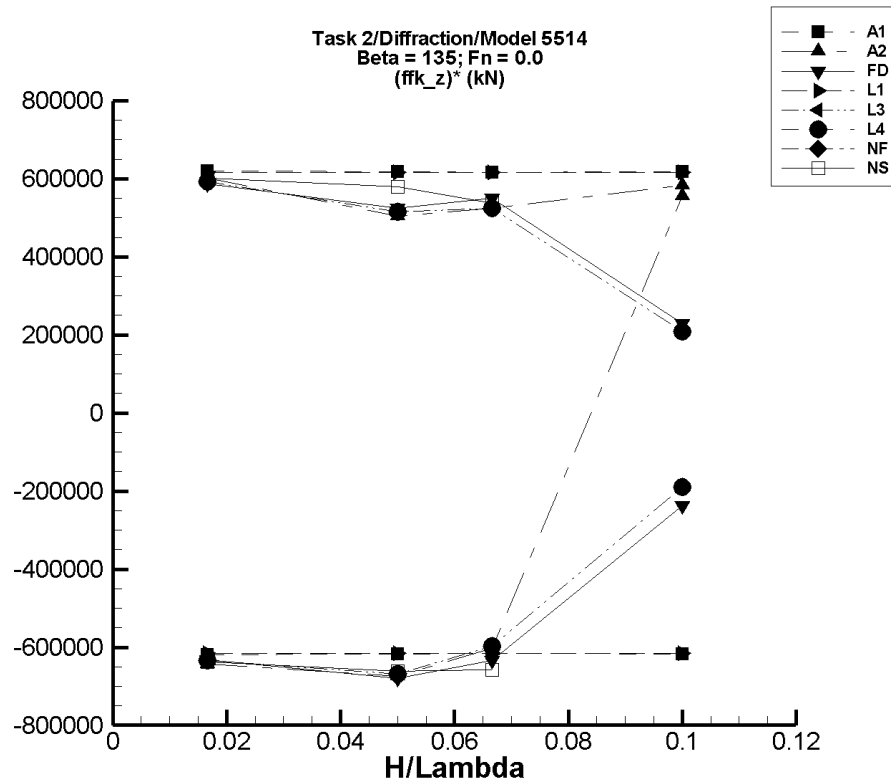


Figure R-140. Minimum and Maximum of $(F_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

Table R-1113. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-4.88	-1.04E+04	1.04E+04	-1.03E+04	1.03E+04	-6.19E+05	6.19E+05
1/20	-14.6	-3.12E+04	3.12E+04	-3.09E+04	3.09E+04	-6.17E+05	6.17E+05
1/15	-19.4	-4.15E+04	4.15E+04	-4.11E+04	4.11E+04	-6.16E+05	6.17E+05
1/10	-29.2	-6.24E+04	6.24E+04	-6.17E+04	6.17E+04	-6.17E+05	6.17E+05

Table R-1114. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	923.	-9.91E+03	1.11E+04	-9.79E+03	1.10E+04	-6.43E+05	6.02E+05
1/20	8.54E+03	-2.57E+04	3.39E+04	-2.52E+04	3.37E+04	-6.74E+05	5.04E+05
1/15	1.17E+04	-2.93E+04	4.70E+04	-2.85E+04	4.66E+04	-6.02E+05	5.25E+05
1/10	-4.47E+04	1.09E+04	1.36E+04	1.09E+04	1.36E+04	5.56E+05	5.83E+05

Table R-1115. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	809.	-9.87E+03	1.07E+04	-9.74E+03	1.06E+04	-6.33E+05	5.87E+05
1/20	8.01E+03	-2.65E+04	3.45E+04	-2.60E+04	3.42E+04	-6.80E+05	5.25E+05
1/15	1.03E+04	-3.28E+04	4.74E+04	-3.20E+04	4.70E+04	-6.34E+05	5.50E+05
1/10	1.13E+04	-1.30E+04	3.49E+04	-1.24E+04	3.42E+04	-2.37E+05	2.28E+05

Table R-1116. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.148	-1.03E+04	1.03E+04	-1.03E+04	1.03E+04	-6.16E+05	6.16E+05
1/20	-0.446	-3.09E+04	3.09E+04	-3.08E+04	3.08E+04	-6.16E+05	6.16E+05
1/15	-0.602	-4.13E+04	4.13E+04	-4.11E+04	4.11E+04	-6.16E+05	6.16E+05
1/10	-0.890	-6.19E+04	6.19E+04	-6.16E+04	6.16E+04	-6.16E+05	6.16E+05

Table R-1117. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	291.	-1.03E+04	1.02E+04	-1.03E+04	1.02E+04	-6.34E+05	5.93E+05
1/20	4.28E+03	-2.93E+04	3.01E+04	-2.91E+04	3.00E+04	-6.68E+05	5.15E+05
1/15	4.69E+03	-3.54E+04	3.97E+04	-3.51E+04	3.96E+04	-5.97E+05	5.24E+05
1/10	2.02E+03	-1.74E+04	2.35E+04	-1.70E+04	2.29E+04	-1.90E+05	2.08E+05

Table R-1118. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	291.	-1.03E+04	1.02E+04	-1.03E+04	1.02E+04	-6.34E+05	5.93E+05
1/20	4.28E+03	-2.93E+04	3.01E+04	-2.91E+04	3.00E+04	-6.68E+05	5.15E+05
1/15	4.69E+03	-3.54E+04	3.97E+04	-3.51E+04	3.96E+04	-5.97E+05	5.24E+05
1/10	2.02E+03	-1.74E+04	2.35E+04	-1.70E+04	2.29E+04	-1.90E+05	2.08E+05

Table R-1119. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1120. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	229.	-1.05E+04	1.04E+04	-1.04E+04	1.03E+04	-6.38E+05	6.02E+05
1/20	2.21E+03	-3.13E+04	3.14E+04	-3.09E+04	3.12E+04	-6.61E+05	5.79E+05
1/15	5.29E+03	-3.89E+04	4.13E+04	-3.85E+04	4.11E+04	-6.57E+05	5.37E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

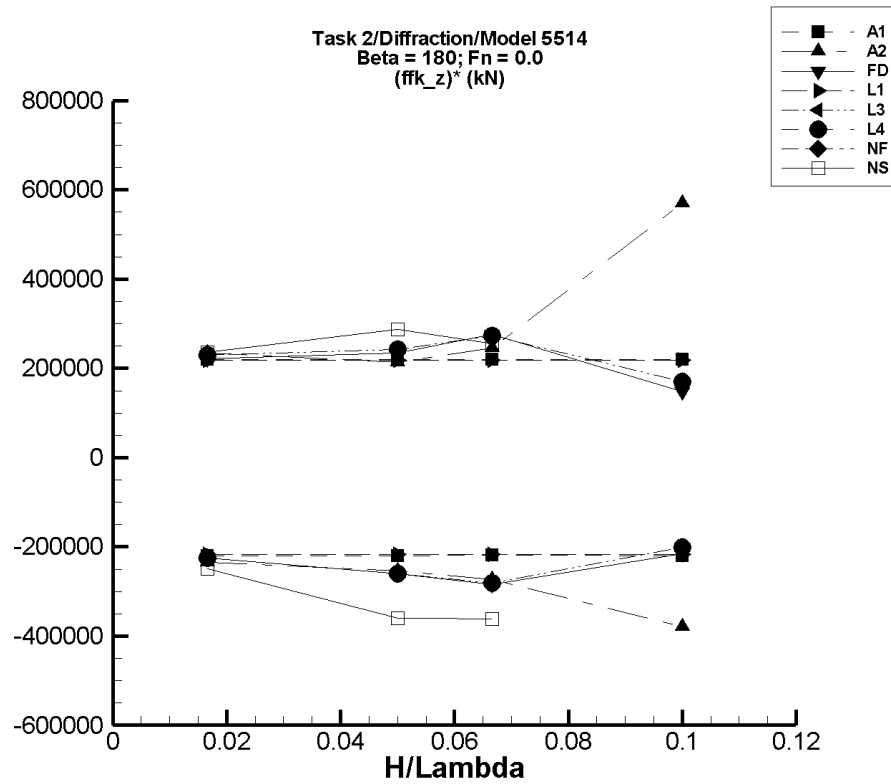


Figure R-141. Minimum and Maximum of $(F_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

Table R-1121. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.910	-3.71E+03	3.71E+03	-3.67E+03	3.67E+03	-2.20E+05	2.20E+05
1/20	-2.72	-1.11E+04	1.11E+04	-1.10E+04	1.10E+04	-2.19E+05	2.20E+05
1/15	-3.62	-1.48E+04	1.48E+04	-1.46E+04	1.46E+04	-2.19E+05	2.19E+05
1/10	-5.45	-2.22E+04	2.22E+04	-2.20E+04	2.20E+04	-2.19E+05	2.20E+05

Table R-1122. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	921.	-3.02E+03	4.88E+03	-2.98E+03	4.83E+03	-2.34E+05	2.35E+05
1/20	8.58E+03	-4.23E+03	1.94E+04	-4.09E+03	1.93E+04	-2.53E+05	2.14E+05
1/15	1.20E+04	-6.56E+03	2.85E+04	-6.14E+03	2.85E+04	-2.73E+05	2.46E+05
1/10	1.61E+04	-4.01E+04	5.67E+05	-2.19E+04	7.31E+04	-3.79E+05	5.71E+05

Table R-1123. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	797.	-3.01E+03	4.54E+03	-2.96E+03	4.49E+03	-2.26E+05	2.22E+05
1/20	8.05E+03	-5.12E+03	1.98E+04	-4.97E+03	1.97E+04	-2.60E+05	2.34E+05
1/15	1.05E+04	-1.09E+04	2.90E+04	-8.53E+03	2.88E+04	-2.85E+05	2.76E+05
1/10	1.13E+04	-1.32E+04	2.82E+04	-1.03E+04	2.60E+04	-2.16E+05	1.47E+05

Table R-1124. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.829	-3.63E+03	3.63E+03	-3.62E+03	3.64E+03	-2.17E+05	2.18E+05
1/20	-2.49	-1.09E+04	1.09E+04	-1.09E+04	1.09E+04	-2.17E+05	2.18E+05
1/15	-3.32	-1.45E+04	1.45E+04	-1.45E+04	1.46E+04	-2.17E+05	2.18E+05
1/10	-4.98	-2.18E+04	2.18E+04	-2.17E+04	2.18E+04	-2.17E+05	2.18E+05

Table R-1125. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	283.	-3.49E+03	4.12E+03	-3.48E+03	4.10E+03	-2.26E+05	2.29E+05
1/20	4.30E+03	-8.73E+03	1.64E+04	-8.68E+03	1.64E+04	-2.60E+05	2.42E+05
1/15	4.80E+03	-1.51E+04	2.30E+04	-1.40E+04	2.30E+04	-2.82E+05	2.73E+05
1/10	2.29E+03	-1.98E+04	2.03E+04	-1.78E+04	1.93E+04	-2.00E+05	1.71E+05

Table R-1126. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	283.	-3.49E+03	4.12E+03	-3.48E+03	4.10E+03	-2.26E+05	2.29E+05
1/20	4.30E+03	-8.73E+03	1.64E+04	-8.68E+03	1.64E+04	-2.60E+05	2.42E+05
1/15	4.80E+03	-1.51E+04	2.30E+04	-1.40E+04	2.30E+04	-2.82E+05	2.73E+05
1/10	2.29E+03	-1.98E+04	2.03E+04	-1.78E+04	1.93E+04	-2.00E+05	1.71E+05

Table R-1127. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1128. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	266.	-3.92E+03	4.23E+03	-3.88E+03	4.20E+03	-2.49E+05	2.36E+05
1/20	2.57E+03	-1.56E+04	1.70E+04	-1.54E+04	1.69E+04	-3.60E+05	2.87E+05
1/15	6.02E+03	-1.83E+04	2.30E+04	-1.81E+04	2.31E+04	-3.62E+05	2.55E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

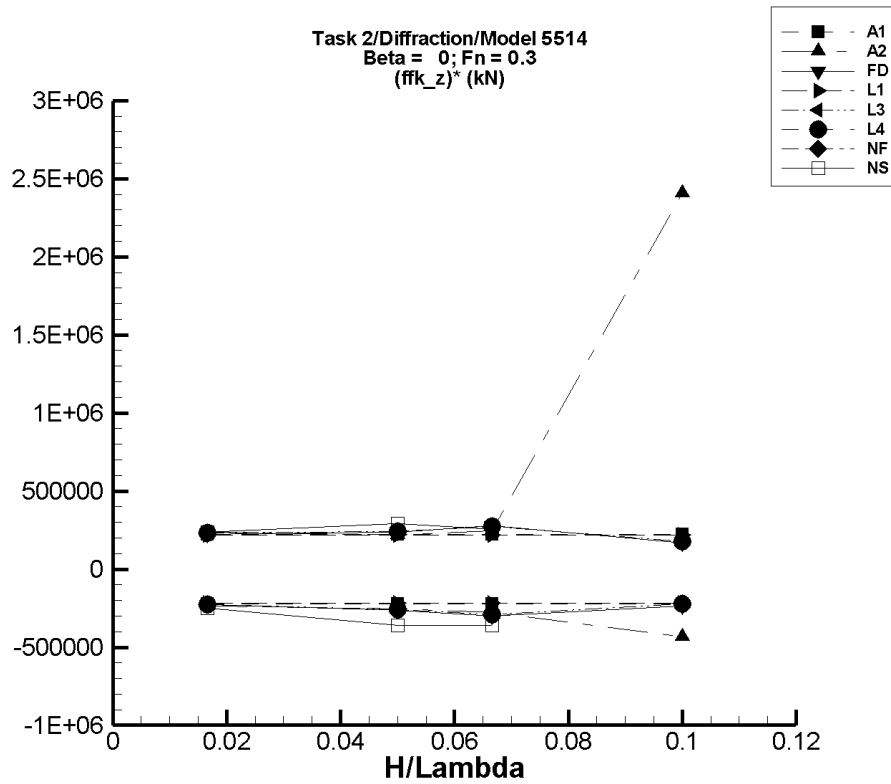


Figure R-142. Minimum and Maximum of $(F_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.3.

Table R-1129. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	4.00	-3.74E+03	3.74E+03	-3.73E+03	3.73E+03	-2.24E+05	2.24E+05
1/20	12.0	-1.12E+04	1.12E+04	-1.12E+04	1.12E+04	-2.24E+05	2.23E+05
1/15	15.9	-1.49E+04	1.49E+04	-1.49E+04	1.49E+04	-2.23E+05	2.23E+05
1/10	23.9	-2.24E+04	2.24E+04	-2.23E+04	2.23E+04	-2.24E+05	2.23E+05

Table R-1130. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	926.	-3.02E+03	4.88E+03	-3.02E+03	4.88E+03	-2.37E+05	2.37E+05
1/20	8.53E+03	-4.23E+03	1.94E+04	-4.22E+03	1.94E+04	-2.55E+05	2.17E+05
1/15	1.20E+04	-1.13E+04	2.85E+04	-6.50E+03	2.85E+04	-2.77E+05	2.48E+05
1/10	1.59E+04	-4.03E+04	1.16E+06	-2.74E+04	2.57E+05	-4.33E+05	2.41E+06

Table R-1131. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	801.	-3.01E+03	4.54E+03	-3.00E+03	4.54E+03	-2.28E+05	2.24E+05
1/20	8.02E+03	-5.12E+03	1.98E+04	-5.11E+03	1.98E+04	-2.63E+05	2.36E+05
1/15	1.04E+04	-1.10E+04	2.90E+04	-9.62E+03	2.90E+04	-3.00E+05	2.78E+05
1/10	1.11E+04	-1.35E+04	2.86E+04	-1.26E+04	2.81E+04	-2.38E+05	1.70E+05

Table R-1132. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	2.74	-3.66E+03	3.66E+03	-3.66E+03	3.66E+03	-2.20E+05	2.19E+05
1/20	8.22	-1.10E+04	1.10E+04	-1.10E+04	1.10E+04	-2.20E+05	2.19E+05
1/15	11.0	-1.46E+04	1.46E+04	-1.46E+04	1.46E+04	-2.20E+05	2.19E+05
1/10	16.4	-2.19E+04	2.19E+04	-2.19E+04	2.19E+04	-2.20E+05	2.19E+05

Table R-1133. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	286.	-3.49E+03	4.12E+03	-3.49E+03	4.12E+03	-2.27E+05	2.30E+05
1/20	4.30E+03	-8.73E+03	1.64E+04	-8.72E+03	1.64E+04	-2.60E+05	2.43E+05
1/15	4.79E+03	-1.54E+04	2.30E+04	-1.47E+04	2.30E+04	-2.93E+05	2.74E+05
1/10	2.22E+03	-1.99E+04	2.03E+04	-1.98E+04	2.01E+04	-2.20E+05	1.79E+05

Table R-1134. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	286.	-3.49E+03	4.12E+03	-3.49E+03	4.12E+03	-2.27E+05	2.30E+05
1/20	4.30E+03	-8.73E+03	1.64E+04	-8.72E+03	1.64E+04	-2.60E+05	2.43E+05
1/15	4.79E+03	-1.54E+04	2.30E+04	-1.47E+04	2.30E+04	-2.93E+05	2.74E+05
1/10	2.22E+03	-1.99E+04	2.03E+04	-1.98E+04	2.01E+04	-2.20E+05	1.79E+05

Table R-1135. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1136. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	269.	-3.92E+03	4.21E+03	-3.88E+03	4.18E+03	-2.49E+05	2.35E+05
1/20	2.59E+03	-1.56E+04	1.70E+04	-1.54E+04	1.71E+04	-3.59E+05	2.90E+05
1/15	6.04E+03	-1.82E+04	2.30E+04	-1.80E+04	2.30E+04	-3.61E+05	2.54E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

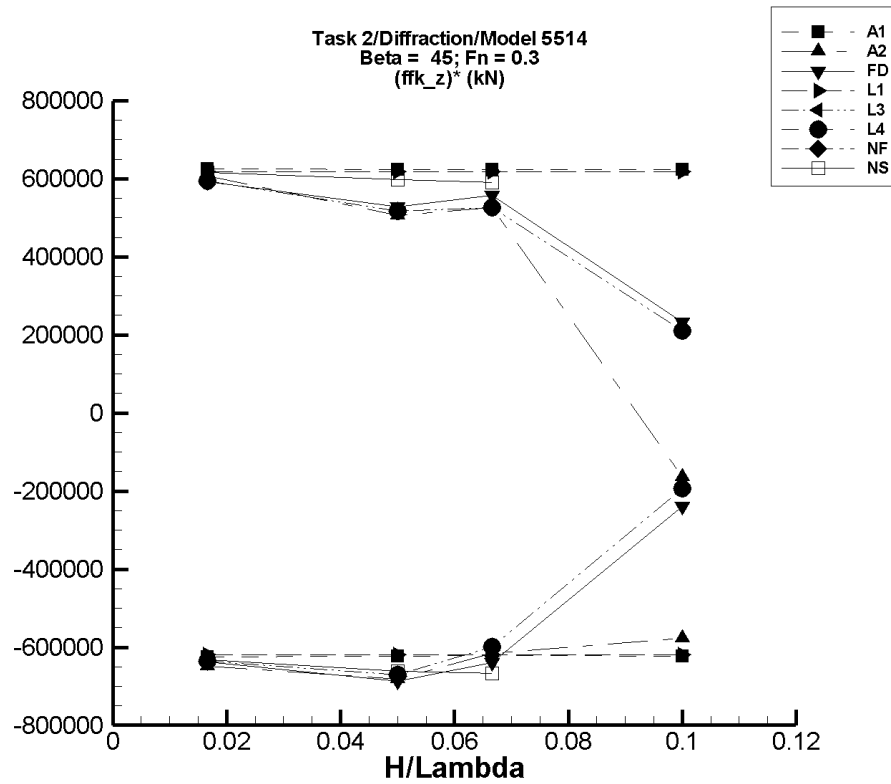


Figure R-143. Minimum and Maximum of $(F_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

Table R-1137. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-15.8	-1.04E+04	1.04E+04	-1.04E+04	1.04E+04	-6.24E+05	6.26E+05
1/20	-47.2	-3.12E+04	3.12E+04	-3.12E+04	3.12E+04	-6.22E+05	6.24E+05
1/15	-62.9	-4.16E+04	4.16E+04	-4.15E+04	4.15E+04	-6.21E+05	6.23E+05
1/10	-94.5	-6.25E+04	6.25E+04	-6.23E+04	6.23E+04	-6.22E+05	6.24E+05

Table R-1138. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	910.	-9.91E+03	1.11E+04	-9.89E+03	1.10E+04	-6.48E+05	6.07E+05
1/20	8.57E+03	-2.57E+04	3.39E+04	-2.55E+04	3.39E+04	-6.82E+05	5.06E+05
1/15	1.19E+04	-2.93E+04	4.70E+04	-2.91E+04	4.70E+04	-6.15E+05	5.26E+05
1/10	5.86E+04	799.	4.56E+04	926.	4.21E+04	-5.77E+05	-1.65E+05

Table R-1139. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	796.	-9.87E+03	1.07E+04	-9.84E+03	1.07E+04	-6.38E+05	5.93E+05
1/20	7.98E+03	-2.65E+04	3.45E+04	-2.64E+04	3.44E+04	-6.87E+05	5.28E+05
1/15	1.00E+04	-3.28E+04	4.74E+04	-3.26E+04	4.72E+04	-6.40E+05	5.58E+05
1/10	1.14E+04	-1.31E+04	3.50E+04	-1.25E+04	3.46E+04	-2.39E+05	2.33E+05

Table R-1140. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	2.04	-1.03E+04	1.03E+04	-1.03E+04	1.03E+04	-6.19E+05	6.19E+05
1/20	6.13	-3.10E+04	3.10E+04	-3.09E+04	3.09E+04	-6.19E+05	6.19E+05
1/15	8.17	-4.13E+04	4.13E+04	-4.13E+04	4.13E+04	-6.19E+05	6.19E+05
1/10	12.2	-6.19E+04	6.19E+04	-6.19E+04	6.19E+04	-6.19E+05	6.19E+05

Table R-1141. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	292.	-1.03E+04	1.02E+04	-1.03E+04	1.02E+04	-6.36E+05	5.94E+05
1/20	4.26E+03	-2.93E+04	3.01E+04	-2.93E+04	3.01E+04	-6.71E+05	5.17E+05
1/15	4.59E+03	-3.54E+04	3.97E+04	-3.53E+04	3.97E+04	-5.99E+05	5.26E+05
1/10	2.07E+03	-1.78E+04	2.35E+04	-1.72E+04	2.31E+04	-1.93E+05	2.10E+05

Table R-1142. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	292.	-1.03E+04	1.02E+04	-1.03E+04	1.02E+04	-6.36E+05	5.94E+05
1/20	4.26E+03	-2.93E+04	3.01E+04	-2.93E+04	3.01E+04	-6.71E+05	5.17E+05
1/15	4.59E+03	-3.54E+04	3.97E+04	-3.53E+04	3.97E+04	-5.99E+05	5.26E+05
1/10	2.07E+03	-1.78E+04	2.35E+04	-1.72E+04	2.31E+04	-1.93E+05	2.10E+05

Table R-1143. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1144. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-18.0	-1.07E+04	1.03E+04	-1.05E+04	1.02E+04	-6.32E+05	6.15E+05
1/20	350.	-3.32E+04	3.01E+04	-3.28E+04	3.02E+04	-6.62E+05	5.97E+05
1/15	564.	-4.42E+04	3.99E+04	-4.39E+04	4.00E+04	-6.67E+05	5.91E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

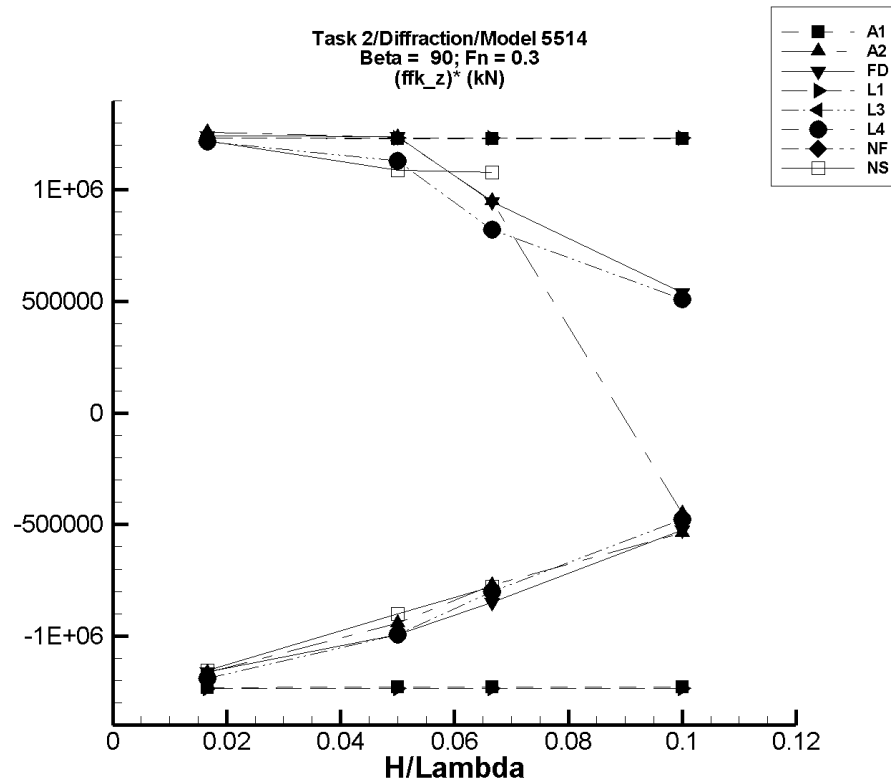


Figure R-144. Minimum and Maximum of $(F_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

Table R-1145. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-15.1	-2.08E+04	2.08E+04	-2.05E+04	2.05E+04	-1.23E+06	1.23E+06
1/20	-45.2	-6.22E+04	6.21E+04	-6.15E+04	6.14E+04	-1.23E+06	1.23E+06
1/15	-60.2	-8.28E+04	8.27E+04	-8.18E+04	8.18E+04	-1.23E+06	1.23E+06
1/10	-90.4	-1.24E+05	1.24E+05	-1.23E+05	1.23E+05	-1.23E+06	1.23E+06

Table R-1146. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	915.	-1.87E+04	2.21E+04	-1.85E+04	2.19E+04	-1.17E+06	1.26E+06
1/20	8.32E+03	-3.93E+04	7.10E+04	-3.89E+04	7.02E+04	-9.44E+05	1.24E+06
1/15	1.20E+04	-4.02E+04	7.58E+04	-3.96E+04	7.53E+04	-7.73E+05	9.50E+05
1/10	3.32E+04	-2.04E+04	-1.19E+04	-2.04E+04	-1.19E+04	-5.37E+05	-4.52E+05

Table R-1147. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	808.	-1.87E+04	2.17E+04	-1.85E+04	2.15E+04	-1.16E+06	1.24E+06
1/20	8.08E+03	-4.19E+04	7.09E+04	-4.16E+04	7.01E+04	-9.93E+05	1.24E+06
1/15	1.07E+04	-4.60E+04	7.52E+04	-4.60E+04	7.38E+04	-8.50E+05	9.46E+05
1/10	1.34E+04	-4.11E+04	7.67E+04	-3.90E+04	6.73E+04	-5.24E+05	5.39E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-1148. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{fk} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{fk})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	9.06	-2.06E+04	2.06E+04	-2.06E+04	2.05E+04	-1.23E+06	1.23E+06
1/20	27.2	-6.19E+04	6.19E+04	-6.17E+04	6.16E+04	-1.23E+06	1.23E+06
1/15	36.2	-8.25E+04	8.25E+04	-8.22E+04	8.22E+04	-1.23E+06	1.23E+06
1/10	54.4	-1.24E+05	1.24E+05	-1.23E+05	1.23E+05	-1.23E+06	1.23E+06

Table R-1149. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{fk} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{fk})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	304.	-1.96E+04	2.07E+04	-1.95E+04	2.06E+04	-1.19E+06	1.22E+06
1/20	4.45E+03	-4.53E+04	6.12E+04	-4.52E+04	6.10E+04	-9.92E+05	1.13E+06
1/15	5.37E+03	-4.81E+04	6.17E+04	-4.81E+04	6.02E+04	-8.02E+05	8.22E+05
1/10	5.10E+03	-4.34E+04	6.13E+04	-4.25E+04	5.60E+04	-4.76E+05	5.09E+05

Table R-1150. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{fk} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{fk})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	304.	-1.96E+04	2.07E+04	-1.95E+04	2.06E+04	-1.19E+06	1.22E+06
1/20	4.45E+03	-4.53E+04	6.12E+04	-4.52E+04	6.10E+04	-9.92E+05	1.13E+06
1/15	5.37E+03	-4.81E+04	6.17E+04	-4.81E+04	6.02E+04	-8.02E+05	8.22E+05
1/10	5.10E+03	-4.34E+04	6.13E+04	-4.25E+04	5.60E+04	-4.76E+05	5.09E+05

Table R-1151. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1152. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	194.	-1.92E+04	2.07E+04	-1.91E+04	2.05E+04	-1.15E+06	1.22E+06
1/20	1.93E+03	-4.33E+04	5.69E+04	-4.31E+04	5.64E+04	-9.01E+05	1.09E+06
1/15	4.74E+03	-4.73E+04	7.69E+04	-4.71E+04	7.65E+04	-7.78E+05	1.08E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

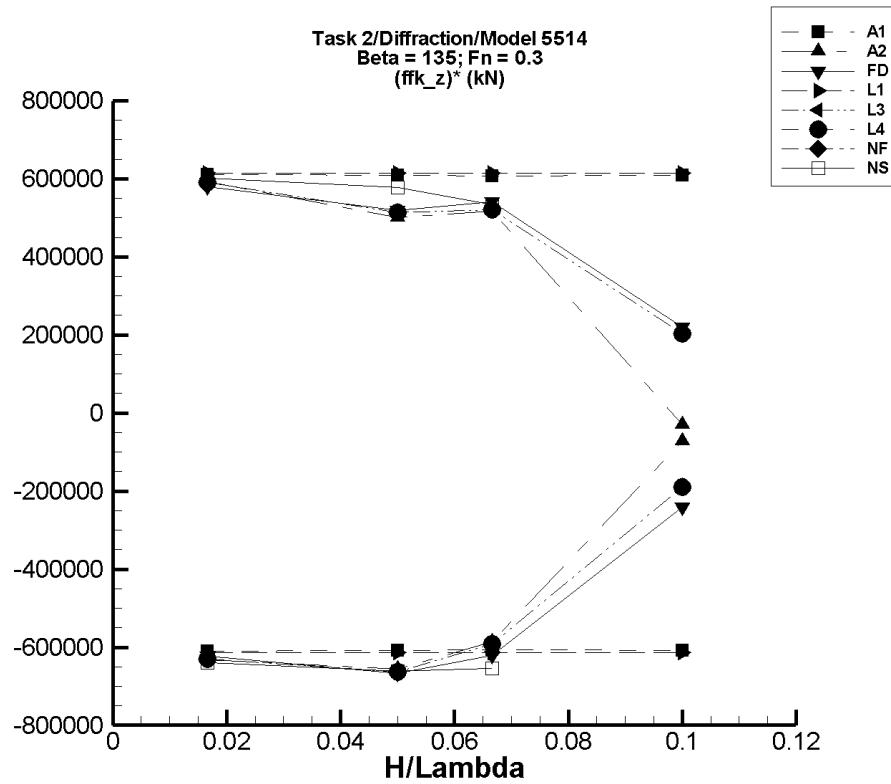


Figure R-145. Minimum and Maximum of $(F_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

Table R-1153. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-6.84	-1.04E+04	1.04E+04	-1.02E+04	1.02E+04	-6.10E+05	6.10E+05
1/20	-20.5	-3.12E+04	3.12E+04	-3.04E+04	3.04E+04	-6.08E+05	6.08E+05
1/15	-27.3	-4.16E+04	4.15E+04	-4.05E+04	4.05E+04	-6.07E+05	6.08E+05
1/10	-41.0	-6.24E+04	6.24E+04	-6.08E+04	6.08E+04	-6.08E+05	6.08E+05

Table R-1154. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	923.	-9.91E+03	1.10E+04	-9.61E+03	1.08E+04	-6.32E+05	5.93E+05
1/20	8.49E+03	-2.57E+04	3.39E+04	-2.43E+04	3.35E+04	-6.56E+05	5.01E+05
1/15	1.16E+04	-2.93E+04	4.70E+04	-2.75E+04	4.61E+04	-5.87E+05	5.17E+05
1/10	1.58E+04	8.52E+03	1.28E+04	8.52E+03	1.28E+04	-7.25E+04	-2.99E+04

Table R-1155. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	815.	-9.86E+03	1.07E+04	-9.56E+03	1.05E+04	-6.23E+05	5.79E+05
1/20	8.06E+03	-2.65E+04	3.45E+04	-2.53E+04	3.40E+04	-6.68E+05	5.19E+05
1/15	1.03E+04	-3.28E+04	4.74E+04	-3.10E+04	4.64E+04	-6.21E+05	5.41E+05
1/10	1.14E+04	-1.29E+04	3.50E+04	-1.27E+04	3.34E+04	-2.41E+05	2.20E+05

Table R-1156. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.92	-1.03E+04	1.03E+04	-1.02E+04	1.02E+04	-6.13E+05	6.14E+05
1/20	-8.76	-3.10E+04	3.10E+04	-3.07E+04	3.07E+04	-6.13E+05	6.14E+05
1/15	-11.7	-4.13E+04	4.13E+04	-4.09E+04	4.09E+04	-6.13E+05	6.14E+05
1/10	-17.5	-6.19E+04	6.19E+04	-6.14E+04	6.14E+04	-6.13E+05	6.14E+05

Table R-1157. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	288.	-1.03E+04	1.02E+04	-1.02E+04	1.01E+04	-6.30E+05	5.90E+05
1/20	4.25E+03	-2.93E+04	3.01E+04	-2.89E+04	2.99E+04	-6.63E+05	5.14E+05
1/15	4.64E+03	-3.54E+04	3.97E+04	-3.48E+04	3.94E+04	-5.91E+05	5.21E+05
1/10	1.90E+03	-1.78E+04	2.36E+04	-1.71E+04	2.22E+04	-1.90E+05	2.03E+05

Table R-1158. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	288.	-1.03E+04	1.02E+04	-1.02E+04	1.01E+04	-6.30E+05	5.90E+05
1/20	4.25E+03	-2.93E+04	3.01E+04	-2.89E+04	2.99E+04	-6.63E+05	5.14E+05
1/15	4.64E+03	-3.54E+04	3.97E+04	-3.48E+04	3.94E+04	-5.91E+05	5.21E+05
1/10	1.90E+03	-1.78E+04	2.36E+04	-1.71E+04	2.22E+04	-1.90E+05	2.03E+05

Table R-1159. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1160. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	249.	-1.05E+04	1.04E+04	-1.04E+04	1.03E+04	-6.39E+05	6.02E+05
1/20	2.41E+03	-3.11E+04	3.15E+04	-3.06E+04	3.12E+04	-6.61E+05	5.77E+05
1/15	5.70E+03	-3.83E+04	4.14E+04	-3.79E+04	4.12E+04	-6.54E+05	5.33E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

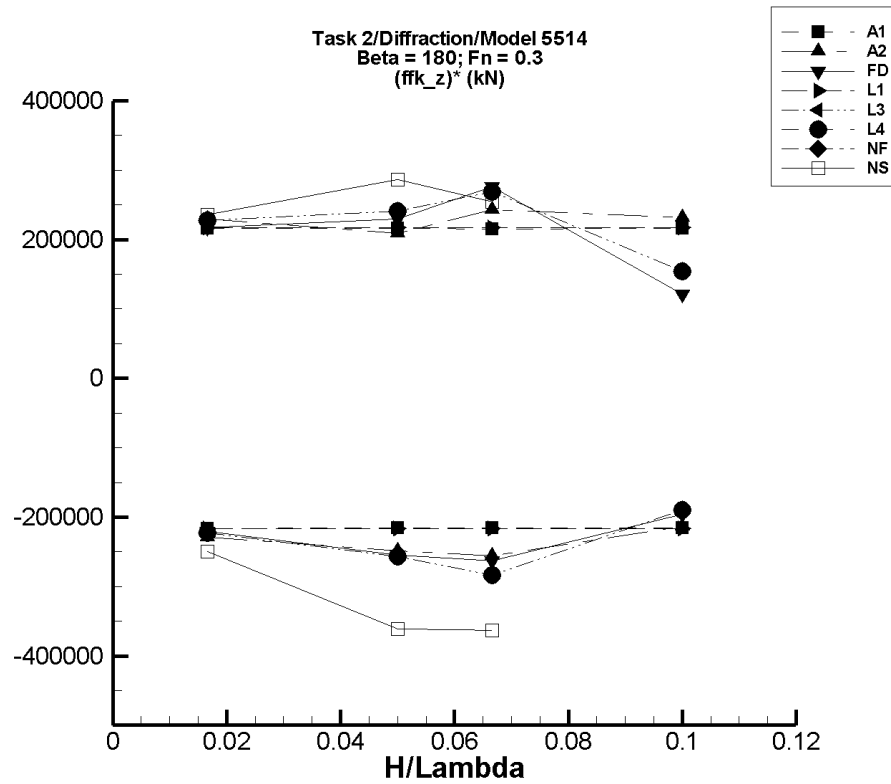


Figure R-146. Minimum and Maximum of $(F_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

Table R-1161. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.819	-3.73E+03	3.73E+03	-3.61E+03	3.60E+03	-2.17E+05	2.16E+05
1/20	2.45	-1.12E+04	1.12E+04	-1.08E+04	1.08E+04	-2.16E+05	2.16E+05
1/15	3.26	-1.49E+04	1.49E+04	-1.44E+04	1.44E+04	-2.16E+05	2.15E+05
1/10	4.90	-2.23E+04	2.23E+04	-2.16E+04	2.16E+04	-2.16E+05	2.16E+05

Table R-1162. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	918.	-3.02E+03	4.87E+03	-2.89E+03	4.74E+03	-2.29E+05	2.29E+05
1/20	8.67E+03	-4.22E+03	1.94E+04	-3.76E+03	1.91E+04	-2.49E+05	2.09E+05
1/15	1.21E+04	-6.47E+03	2.85E+04	-4.92E+03	2.83E+04	-2.55E+05	2.43E+05
1/10	8.94E+03	-4.00E+04	4.87E+04	-1.25E+04	3.21E+04	-2.14E+05	2.32E+05

Table R-1163. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	797.	-3.01E+03	4.54E+03	-2.88E+03	4.42E+03	-2.21E+05	2.17E+05
1/20	8.02E+03	-5.12E+03	1.98E+04	-4.71E+03	1.95E+04	-2.55E+05	2.30E+05
1/15	1.03E+04	-1.02E+04	2.90E+04	-7.28E+03	2.87E+04	-2.63E+05	2.76E+05
1/10	1.15E+04	-1.35E+04	2.85E+04	-8.15E+03	2.36E+04	-1.96E+05	1.21E+05

Table R-1164. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-8.37	-3.66E+03	3.66E+03	-3.61E+03	3.61E+03	-2.16E+05	2.17E+05
1/20	-25.1	-1.10E+04	1.10E+04	-1.08E+04	1.08E+04	-2.16E+05	2.17E+05
1/15	-33.5	-1.46E+04	1.46E+04	-1.44E+04	1.45E+04	-2.16E+05	2.17E+05
1/10	-50.2	-2.19E+04	2.19E+04	-2.17E+04	2.17E+04	-2.16E+05	2.17E+05

Table R-1165. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	269.	-3.49E+03	4.12E+03	-3.45E+03	4.07E+03	-2.23E+05	2.28E+05
1/20	4.28E+03	-8.72E+03	1.64E+04	-8.58E+03	1.63E+04	-2.57E+05	2.41E+05
1/15	5.05E+03	-1.52E+04	2.30E+04	-1.39E+04	2.30E+04	-2.84E+05	2.69E+05
1/10	2.16E+03	-1.98E+04	2.00E+04	-1.68E+04	1.75E+04	-1.89E+05	1.54E+05

Table R-1166. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	269.	-3.49E+03	4.12E+03	-3.45E+03	4.07E+03	-2.23E+05	2.28E+05
1/20	4.28E+03	-8.72E+03	1.64E+04	-8.58E+03	1.63E+04	-2.57E+05	2.41E+05
1/15	5.05E+03	-1.52E+04	2.30E+04	-1.39E+04	2.30E+04	-2.84E+05	2.69E+05
1/10	2.16E+03	-1.98E+04	2.00E+04	-1.68E+04	1.75E+04	-1.89E+05	1.54E+05

Table R-1167. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1168. Minimum and Maximum of F_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{fk}} \rangle$ Mean (kN)	Unfiltered F_z^{fk}		Filtered F_z^{fk}		Filtered $(F_z^{\text{fk}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	270.	-3.93E+03	4.23E+03	-3.88E+03	4.20E+03	-2.49E+05	2.36E+05
1/20	2.60E+03	-1.56E+04	1.70E+04	-1.54E+04	1.69E+04	-3.61E+05	2.87E+05
1/15	6.07E+03	-1.83E+04	2.29E+04	-1.81E+04	2.30E+04	-3.63E+05	2.54E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

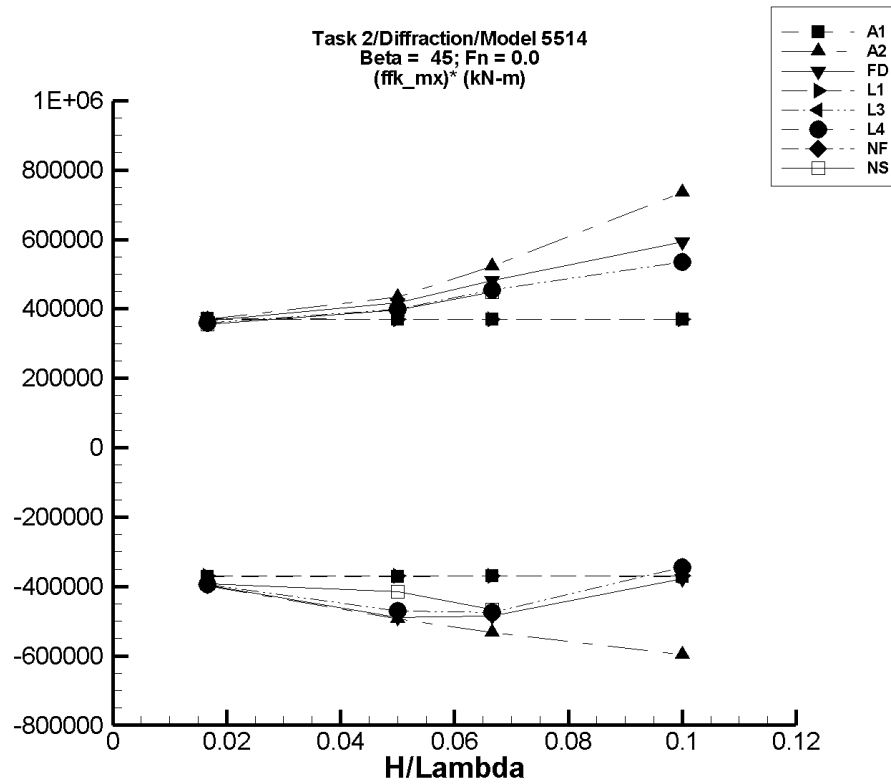


Figure R-147. Minimum and Maximum of $(M_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

Table R-1169. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	3.13	-6.26E+03	6.26E+03	-6.19E+03	6.19E+03	-3.72E+05	3.71E+05
1/20	9.37	-1.87E+04	1.87E+04	-1.85E+04	1.85E+04	-3.71E+05	3.70E+05
1/15	12.5	-2.49E+04	2.49E+04	-2.47E+04	2.46E+04	-3.70E+05	3.70E+05
1/10	18.7	-3.74E+04	3.74E+04	-3.70E+04	3.70E+04	-3.71E+05	3.70E+05

Table R-1170. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-9.52	-6.72E+03	6.28E+03	-6.63E+03	6.16E+03	-3.97E+05	3.70E+05
1/20	-317.	-2.54E+04	2.17E+04	-2.50E+04	2.14E+04	-4.93E+05	4.34E+05
1/15	-1.14E+03	-5.56E+04	3.40E+04	-3.67E+04	3.37E+04	-5.33E+05	5.22E+05
1/10	23.8	-2.96E+05	2.67E+05	-5.97E+04	7.35E+04	-5.97E+05	7.34E+05

Table R-1171. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-11.9	-6.69E+03	6.14E+03	-6.61E+03	6.07E+03	-3.96E+05	3.65E+05
1/20	-16.8	-2.49E+04	2.11E+04	-2.45E+04	2.09E+04	-4.89E+05	4.18E+05
1/15	-586.	-3.58E+04	3.21E+04	-3.30E+04	3.14E+04	-4.86E+05	4.80E+05
1/10	-218.	-4.39E+04	6.48E+04	-3.79E+04	5.90E+04	-3.77E+05	5.92E+05

Table R-1172. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	2.08	-6.19E+03	6.19E+03	-6.16E+03	6.16E+03	-3.70E+05	3.70E+05
1/20	6.23	-1.86E+04	1.86E+04	-1.85E+04	1.85E+04	-3.70E+05	3.70E+05
1/15	8.30	-2.48E+04	2.48E+04	-2.47E+04	2.47E+04	-3.70E+05	3.70E+05
1/10	12.4	-3.71E+04	3.71E+04	-3.70E+04	3.70E+04	-3.70E+05	3.70E+05

Table R-1173. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.02	-6.62E+03	6.01E+03	-6.59E+03	5.98E+03	-3.95E+05	3.59E+05
1/20	-51.1	-2.37E+04	2.00E+04	-2.36E+04	1.99E+04	-4.70E+05	3.99E+05
1/15	-841.	-3.33E+04	2.96E+04	-3.25E+04	2.94E+04	-4.75E+05	4.54E+05
1/10	201.	-4.16E+04	5.54E+04	-3.42E+04	5.37E+04	-3.44E+05	5.35E+05

Table R-1174. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.02	-6.62E+03	6.01E+03	-6.59E+03	5.98E+03	-3.95E+05	3.59E+05
1/20	-51.1	-2.37E+04	2.00E+04	-2.36E+04	1.99E+04	-4.70E+05	3.99E+05
1/15	-841.	-3.33E+04	2.96E+04	-3.25E+04	2.94E+04	-4.75E+05	4.54E+05
1/10	201.	-4.16E+04	5.54E+04	-3.42E+04	5.37E+04	-3.44E+05	5.35E+05

Table R-1175. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1176. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	18.8	-6.61E+03	5.99E+03	-6.53E+03	5.93E+03	-3.93E+05	3.54E+05
1/20	81.2	-2.09E+04	2.02E+04	-2.07E+04	1.99E+04	-4.15E+05	3.96E+05
1/15	108.	-3.13E+04	3.03E+04	-3.10E+04	3.00E+04	-4.67E+05	4.49E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

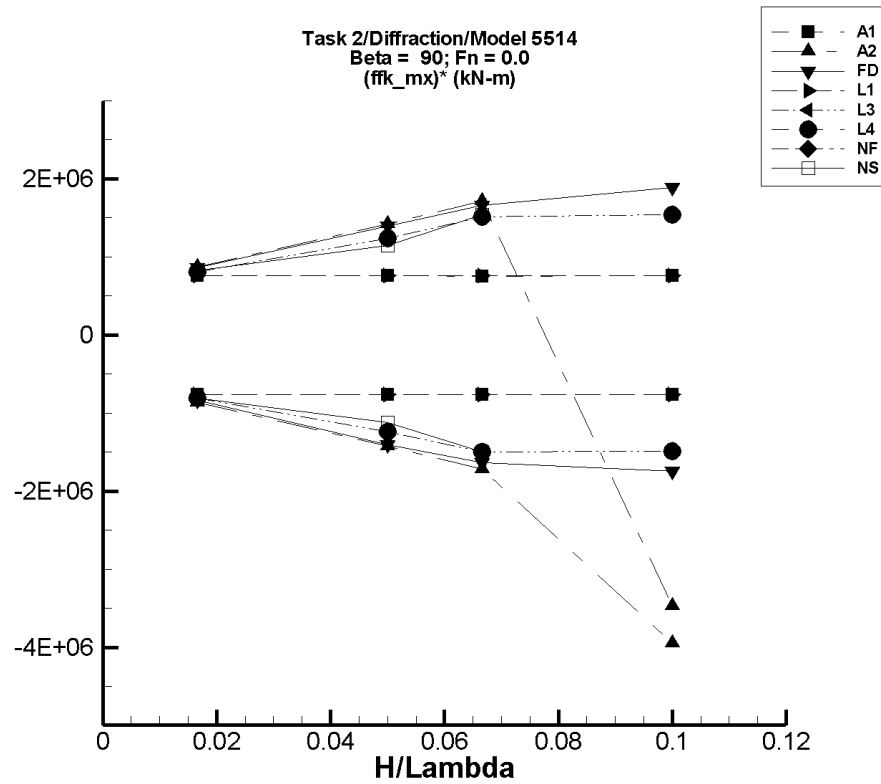


Figure R-148. Minimum and Maximum of $(M_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

Table R-1177. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	12.7	-1.28E+04	1.28E+04	-1.28E+04	1.26E+04	-7.67E+05	7.58E+05
1/20	37.9	-3.82E+04	3.82E+04	-3.82E+04	3.78E+04	-7.64E+05	7.55E+05
1/15	50.4	-5.09E+04	5.09E+04	-5.08E+04	5.03E+04	-7.63E+05	7.54E+05
1/10	75.7	-7.65E+04	7.65E+04	-7.64E+04	7.56E+04	-7.64E+05	7.55E+05

Table R-1178. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.91	-1.47E+04	1.47E+04	-1.45E+04	1.45E+04	-8.69E+05	8.67E+05
1/20	259.	-7.30E+04	7.30E+04	-7.11E+04	7.11E+04	-1.43E+06	1.42E+06
1/15	96.8	-1.27E+05	1.27E+05	-1.14E+05	1.14E+05	-1.72E+06	1.71E+06
1/10	5.41E+05	1.46E+05	1.94E+05	1.46E+05	1.94E+05	-3.95E+06	-3.47E+06

Table R-1179. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	3.45	-1.42E+04	1.42E+04	-1.40E+04	1.43E+04	-8.39E+05	8.58E+05
1/20	247.	-7.20E+04	7.20E+04	-6.99E+04	6.98E+04	-1.40E+06	1.39E+06
1/15	41.1	-1.22E+05	1.21E+05	-1.09E+05	1.11E+05	-1.64E+06	1.66E+06
1/10	-2.36E+03	-1.94E+05	1.94E+05	-1.77E+05	1.86E+05	-1.75E+06	1.89E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R-1180. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	8.81	-1.27E+04	1.27E+04	-1.27E+04	1.27E+04	-7.62E+05	7.59E+05
1/20	26.4	-3.81E+04	3.81E+04	-3.81E+04	3.80E+04	-7.62E+05	7.59E+05
1/15	35.2	-5.08E+04	5.08E+04	-5.08E+04	5.06E+04	-7.62E+05	7.59E+05
1/10	52.8	-7.62E+04	7.62E+04	-7.62E+04	7.59E+04	-7.62E+05	7.59E+05

Table R-1181. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	9.42	-1.35E+04	1.35E+04	-1.35E+04	1.35E+04	-8.09E+05	8.08E+05
1/20	89.2	-6.27E+04	6.27E+04	-6.21E+04	6.21E+04	-1.24E+06	1.24E+06
1/15	-324.	-1.08E+05	1.08E+05	-1.01E+05	1.01E+05	-1.50E+06	1.52E+06
1/10	-2.22E+03	-1.63E+05	1.70E+05	-1.51E+05	1.51E+05	-1.49E+06	1.54E+06

Table R-1182. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	9.42	-1.35E+04	1.35E+04	-1.35E+04	1.35E+04	-8.09E+05	8.08E+05
1/20	89.2	-6.27E+04	6.27E+04	-6.21E+04	6.21E+04	-1.24E+06	1.24E+06
1/15	-324.	-1.08E+05	1.08E+05	-1.01E+05	1.01E+05	-1.50E+06	1.52E+06
1/10	-2.22E+03	-1.63E+05	1.70E+05	-1.51E+05	1.51E+05	-1.49E+06	1.54E+06

Table R-1183. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1184. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	28.5	-1.36E+04	1.39E+04	-1.34E+04	1.37E+04	-8.07E+05	8.20E+05
1/20	46.8	-5.75E+04	5.91E+04	-5.59E+04	5.74E+04	-1.12E+06	1.15E+06
1/15	-131.	-1.02E+05	1.04E+05	-1.00E+05	1.02E+05	-1.50E+06	1.54E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

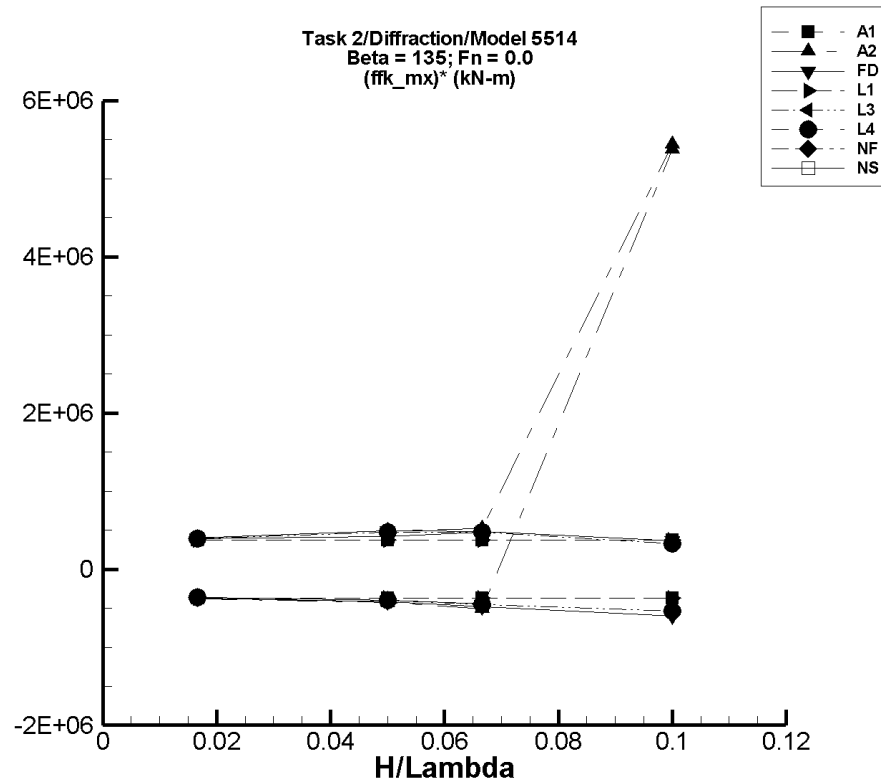


Figure R-149. Minimum and Maximum of (M_x^{fk})^{*} Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

Table R-1185. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.64	-6.26E+03	6.26E+03	-6.20E+03	6.19E+03	-3.72E+05	3.71E+05
1/20	22.9	-1.87E+04	1.87E+04	-1.85E+04	1.85E+04	-3.71E+05	3.70E+05
1/15	30.4	-2.49E+04	2.49E+04	-2.47E+04	2.47E+04	-3.71E+05	3.69E+05
1/10	45.7	-3.75E+04	3.74E+04	-3.71E+04	3.70E+04	-3.71E+05	3.70E+05

Table R-1186. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	12.7	-6.73E+03	6.71E+03	-6.31E+03	6.63E+03	-3.80E+05	3.97E+05
1/20	337.	-2.17E+04	2.54E+04	-2.09E+04	2.50E+04	-4.25E+05	4.92E+05
1/15	462.	-3.40E+04	3.91E+04	-3.32E+04	3.53E+04	-5.05E+05	5.22E+05
1/10	-5.88E+05	-4.99E+04	-4.40E+04	-4.99E+04	-4.40E+04	5.38E+06	5.44E+06

Table R-1187. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	8.19	-6.14E+03	6.69E+03	-6.18E+03	6.61E+03	-3.72E+05	3.96E+05
1/20	67.2	-2.11E+04	2.49E+04	-2.09E+04	2.45E+04	-4.19E+05	4.89E+05
1/15	745.	-3.21E+04	3.59E+04	-3.15E+04	3.29E+04	-4.83E+05	4.83E+05
1/10	739.	-6.49E+04	4.36E+04	-5.92E+04	3.73E+04	-5.99E+05	3.66E+05

Table R-1188. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk} Min. (kN-m)	Unfiltered M_x^{fk} Max. (kN-m)	Filtered M_x^{fk} Min. (kN-m)	Filtered M_x^{fk} Max. (kN-m)	Filtered $(M_x^{\text{fk}})^*$ Min. (kN-m)	Filtered $(M_x^{\text{fk}})^*$ Max. (kN-m)
1/60	5.56E-02	-6.19E+03	6.19E+03	-6.16E+03	6.16E+03	-3.70E+05	3.70E+05
1/20	0.164	-1.86E+04	1.86E+04	-1.85E+04	1.85E+04	-3.70E+05	3.70E+05
1/15	0.225	-2.48E+04	2.47E+04	-2.47E+04	2.46E+04	-3.70E+05	3.70E+05
1/10	0.334	-3.71E+04	3.71E+04	-3.70E+04	3.70E+04	-3.70E+05	3.70E+05

Table R-1189. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk} Min. (kN-m)	Unfiltered M_x^{fk} Max. (kN-m)	Filtered M_x^{fk} Min. (kN-m)	Filtered M_x^{fk} Max. (kN-m)	Filtered $(M_x^{\text{fk}})^*$ Min. (kN-m)	Filtered $(M_x^{\text{fk}})^*$ Max. (kN-m)
1/60	10.2	-6.01E+03	6.62E+03	-6.04E+03	6.59E+03	-3.63E+05	3.95E+05
1/20	76.1	-2.00E+04	2.37E+04	-1.99E+04	2.36E+04	-3.99E+05	4.70E+05
1/15	784.	-2.96E+04	3.33E+04	-2.94E+04	3.25E+04	-4.53E+05	4.76E+05
1/10	292.	-5.53E+04	4.12E+04	-5.36E+04	3.31E+04	-5.39E+05	3.28E+05

Table R-1190. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk} Min. (kN-m)	Unfiltered M_x^{fk} Max. (kN-m)	Filtered M_x^{fk} Min. (kN-m)	Filtered M_x^{fk} Max. (kN-m)	Filtered $(M_x^{\text{fk}})^*$ Min. (kN-m)	Filtered $(M_x^{\text{fk}})^*$ Max. (kN-m)
1/60	10.2	-6.01E+03	6.62E+03	-6.04E+03	6.59E+03	-3.63E+05	3.95E+05
1/20	76.1	-2.00E+04	2.37E+04	-1.99E+04	2.36E+04	-3.99E+05	4.70E+05
1/15	784.	-2.96E+04	3.33E+04	-2.94E+04	3.25E+04	-4.53E+05	4.76E+05
1/10	292.	-5.53E+04	4.12E+04	-5.36E+04	3.31E+04	-5.39E+05	3.28E+05

Table R-1191. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1192. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	27.0	-6.03E+03	6.62E+03	-6.01E+03	6.54E+03	-3.62E+05	3.91E+05
1/20	148.	-2.01E+04	2.13E+04	-1.98E+04	2.11E+04	-3.99E+05	4.19E+05
1/15	190.	-3.00E+04	3.18E+04	-2.97E+04	3.16E+04	-4.48E+05	4.71E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

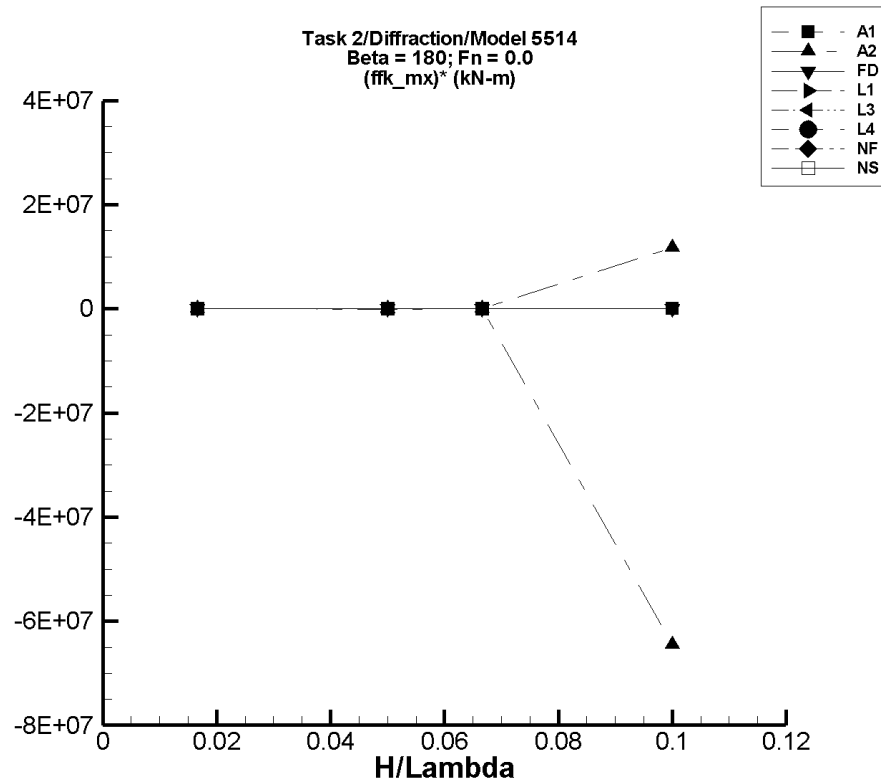


Figure R-150. Minimum and Maximum of (M_x^{fk})^{*} Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

Table R-1193. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.48E-07	-7.18E-04	7.18E-04	-7.19E-04	7.10E-04	-4.32E-02	4.26E-02
1/20	2.24E-06	-2.15E-03	2.15E-03	-2.15E-03	2.12E-03	-4.31E-02	4.24E-02
1/15	2.98E-06	-2.86E-03	2.86E-03	-2.87E-03	2.83E-03	-4.30E-02	4.24E-02
1/10	4.48E-06	-4.30E-03	4.29E-03	-4.30E-03	4.25E-03	-4.31E-02	4.24E-02

Table R-1194. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.06E-05	-5.94E-04	8.09E-04	-2.50E-04	2.11E-04	-1.56E-02	1.20E-02
1/20	-150.	-2.53E+04	3.19E+03	-3.38E+03	289.	-6.46E+04	8.77E+03
1/15	471.	-9.80E-02	4.21E+04	-487.	5.84E+03	-1.44E+04	8.05E+04
1/10	-5.82E+05	-5.26E+07	1.73E+05	-7.04E+06	6.00E+05	-6.45E+07	1.18E+07

Table R-1195. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	2.96E-04	-5.43E-03	8.04E-03	-7.14E-04	1.67E-03	-6.06E-02	8.24E-02
1/20	-4.66E-04	-1.71E-02	2.36E-02	-3.35E-03	4.12E-03	-5.76E-02	9.18E-02
1/15	-1.14E-03	-3.70E-02	2.84E-02	-5.64E-03	3.97E-03	-6.74E-02	7.67E-02
1/10	-4.74E-04	-8.04E-02	4.39E-02	-1.12E-02	7.10E-03	-0.108	7.57E-02

TASK 2/DIFFRACTION/MODEL 5514

Table R-1196. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{fk} \rangle$	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{fk})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1197. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{fk} \rangle$	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{fk})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1198. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{fk} \rangle$	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{fk})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1199. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1200. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-2.95E-04	-3.24E-03	2.74E-03	-1.18E-03	4.71E-04	-5.32E-02	4.60E-02
1/20	2.04E-04	-1.04E-02	1.48E-02	-2.74E-03	5.58E-03	-5.89E-02	0.107
1/15	9.16E-04	-1.80E-02	2.49E-02	-4.14E-03	8.24E-03	-7.59E-02	0.110
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

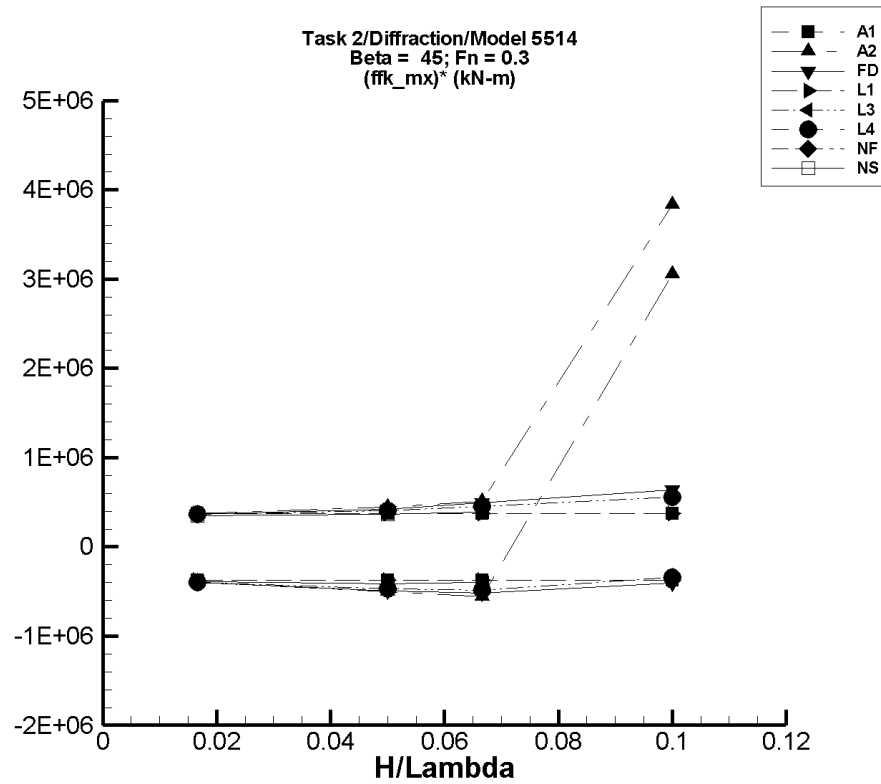


Figure R-151. Minimum and Maximum of $(M_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

Table R-1201. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	2.56	-6.26E+03	6.26E+03	-6.25E+03	6.25E+03	-3.75E+05	3.75E+05
1/20	7.65	-1.87E+04	1.87E+04	-1.87E+04	1.87E+04	-3.74E+05	3.74E+05
1/15	10.2	-2.49E+04	2.49E+04	-2.49E+04	2.49E+04	-3.73E+05	3.73E+05
1/10	15.3	-3.75E+04	3.75E+04	-3.74E+04	3.74E+04	-3.74E+05	3.74E+05

Table R-1202. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	0.109	-6.72E+03	6.28E+03	-6.70E+03	6.24E+03	-4.02E+05	3.74E+05
1/20	-181.	-2.54E+04	2.17E+04	-2.53E+04	2.19E+04	-5.03E+05	4.42E+05
1/15	-116.	-5.58E+04	3.40E+04	-3.74E+04	3.39E+04	-5.60E+05	5.11E+05
1/10	-3.11E+05	-1.56E+04	7.46E+04	-5.48E+03	7.30E+04	3.05E+06	3.84E+06

Table R-1203. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-4.38	-6.70E+03	6.14E+03	-6.68E+03	6.13E+03	-4.00E+05	3.68E+05
1/20	-34.3	-2.49E+04	2.11E+04	-2.48E+04	2.10E+04	-4.95E+05	4.21E+05
1/15	-724.	-3.62E+04	3.21E+04	-3.53E+04	3.20E+04	-5.19E+05	4.90E+05
1/10	18.7	-4.37E+04	6.48E+04	-4.08E+04	6.35E+04	-4.09E+05	6.35E+05

Table R-1204. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	0.619	-6.19E+03	6.19E+03	-6.18E+03	6.18E+03	-3.71E+05	3.71E+05
1/20	1.86	-1.86E+04	1.86E+04	-1.85E+04	1.85E+04	-3.71E+05	3.71E+05
1/15	2.48	-2.48E+04	2.48E+04	-2.47E+04	2.47E+04	-3.71E+05	3.71E+05
1/10	3.72	-3.71E+04	3.71E+04	-3.71E+04	3.71E+04	-3.71E+05	3.71E+05

Table R-1205. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-11.2	-6.62E+03	6.01E+03	-6.61E+03	6.03E+03	-3.96E+05	3.62E+05
1/20	-61.1	-2.37E+04	2.00E+04	-2.37E+04	2.00E+04	-4.72E+05	4.01E+05
1/15	-680.	-3.33E+04	2.96E+04	-3.32E+04	2.95E+04	-4.87E+05	4.53E+05
1/10	-964.	-4.14E+04	5.53E+04	-3.50E+04	5.50E+04	-3.40E+05	5.60E+05

Table R-1206. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-11.2	-6.62E+03	6.01E+03	-6.61E+03	6.03E+03	-3.96E+05	3.62E+05
1/20	-61.1	-2.37E+04	2.00E+04	-2.37E+04	2.00E+04	-4.72E+05	4.01E+05
1/15	-680.	-3.33E+04	2.96E+04	-3.32E+04	2.95E+04	-4.87E+05	4.53E+05
1/10	-964.	-4.14E+04	5.53E+04	-3.50E+04	5.50E+04	-3.40E+05	5.60E+05

Table R-1207. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1208. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-7.11	-6.53E+03	5.92E+03	-6.46E+03	5.86E+03	-3.87E+05	3.52E+05
1/20	-135.	-2.10E+04	1.85E+04	-2.08E+04	1.83E+04	-4.13E+05	3.68E+05
1/15	-197.	-2.70E+04	2.57E+04	-2.69E+04	2.55E+04	-4.00E+05	3.86E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

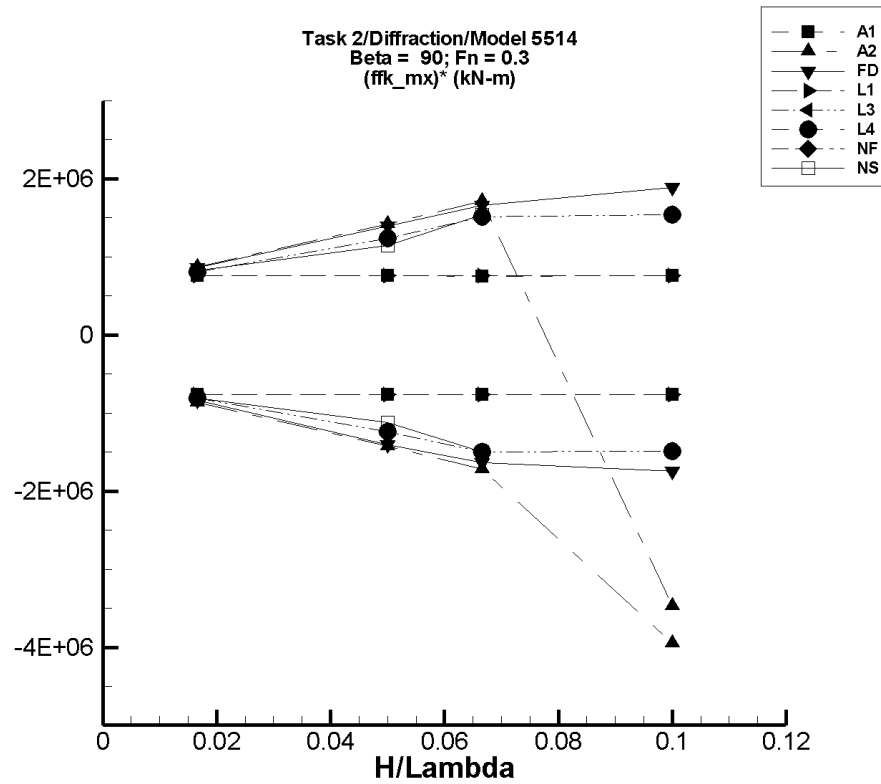


Figure R-152. Minimum and Maximum of $(M_x^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1209. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	12.6	-1.28E+04	1.28E+04	-1.28E+04	1.26E+04	-7.66E+05	7.57E+05
1/20	37.8	-3.82E+04	3.82E+04	-3.82E+04	3.78E+04	-7.64E+05	7.55E+05
1/15	50.4	-5.09E+04	5.09E+04	-5.08E+04	5.03E+04	-7.63E+05	7.54E+05
1/10	75.7	-7.64E+04	7.64E+04	-7.63E+04	7.56E+04	-7.64E+05	7.55E+05

Table R-1210. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.91	-1.47E+04	1.47E+04	-1.45E+04	1.45E+04	-8.69E+05	8.67E+05
1/20	259.	-7.30E+04	7.30E+04	-7.11E+04	7.11E+04	-1.43E+06	1.42E+06
1/15	96.8	-1.27E+05	1.27E+05	-1.14E+05	1.14E+05	-1.72E+06	1.71E+06
1/10	5.41E+05	1.46E+05	1.94E+05	1.46E+05	1.94E+05	-3.95E+06	-3.47E+06

Table R-1211. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	3.45	-1.42E+04	1.42E+04	-1.40E+04	1.43E+04	-8.39E+05	8.58E+05
1/20	247.	-7.20E+04	7.20E+04	-6.99E+04	6.98E+04	-1.40E+06	1.39E+06
1/15	41.0	-1.22E+05	1.21E+05	-1.09E+05	1.11E+05	-1.64E+06	1.66E+06
1/10	-2.36E+03	-1.94E+05	1.94E+05	-1.77E+05	1.86E+05	-1.75E+06	1.89E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R-1212. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{fk} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{fk})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	8.80	-1.27E+04	1.27E+04	-1.27E+04	1.26E+04	-7.62E+05	7.58E+05
1/20	26.4	-3.81E+04	3.81E+04	-3.81E+04	3.79E+04	-7.62E+05	7.58E+05
1/15	35.2	-5.08E+04	5.08E+04	-5.08E+04	5.06E+04	-7.62E+05	7.58E+05
1/10	52.8	-7.62E+04	7.62E+04	-7.61E+04	7.59E+04	-7.62E+05	7.58E+05

Table R-1213. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{fk} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{fk})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	9.42	-1.35E+04	1.35E+04	-1.35E+04	1.35E+04	-8.09E+05	8.08E+05
1/20	89.2	-6.27E+04	6.27E+04	-6.21E+04	6.21E+04	-1.24E+06	1.24E+06
1/15	-324.	-1.08E+05	1.08E+05	-1.01E+05	1.01E+05	-1.50E+06	1.52E+06
1/10	-2.22E+03	-1.63E+05	1.70E+05	-1.51E+05	1.51E+05	-1.49E+06	1.54E+06

Table R-1214. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{fk} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{fk})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	9.42	-1.35E+04	1.35E+04	-1.35E+04	1.35E+04	-8.09E+05	8.08E+05
1/20	89.2	-6.27E+04	6.27E+04	-6.21E+04	6.21E+04	-1.24E+06	1.24E+06
1/15	-324.	-1.08E+05	1.08E+05	-1.01E+05	1.01E+05	-1.50E+06	1.52E+06
1/10	-2.22E+03	-1.63E+05	1.70E+05	-1.51E+05	1.51E+05	-1.49E+06	1.54E+06

Table R-1215. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1216. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	28.1	-1.36E+04	1.39E+04	-1.34E+04	1.37E+04	-8.07E+05	8.21E+05
1/20	38.8	-5.74E+04	5.91E+04	-5.60E+04	5.75E+04	-1.12E+06	1.15E+06
1/15	-131.	-1.02E+05	1.04E+05	-1.00E+05	1.02E+05	-1.50E+06	1.54E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

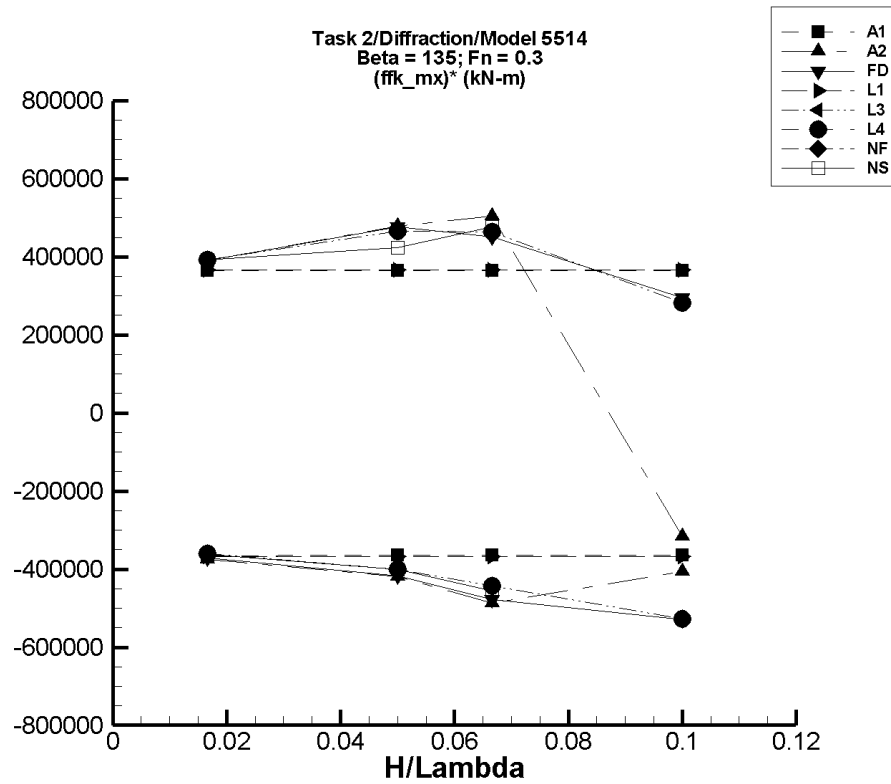


Figure R-153. Minimum and Maximum of (M_x^{fk})^{*} Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

Table R-1217. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	10.8	-6.26E+03	6.26E+03	-6.09E+03	6.10E+03	-3.66E+05	3.65E+05
1/20	32.2	-1.87E+04	1.87E+04	-1.82E+04	1.82E+04	-3.65E+05	3.64E+05
1/15	42.8	-2.49E+04	2.49E+04	-2.42E+04	2.43E+04	-3.64E+05	3.64E+05
1/10	64.3	-3.75E+04	3.75E+04	-3.64E+04	3.65E+04	-3.65E+05	3.64E+05

Table R-1218. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	18.5	-6.28E+03	6.71E+03	-6.24E+03	6.53E+03	-3.75E+05	3.90E+05
1/20	218.	-5.69E+04	2.54E+04	-2.07E+04	2.41E+04	-4.19E+05	4.79E+05
1/15	-17.0	-4.51E+04	3.80E+04	-3.25E+04	3.36E+04	-4.87E+05	5.04E+05
1/10	-7.60E+03	-4.82E+04	-3.92E+04	-4.82E+04	-3.92E+04	-4.06E+05	-3.16E+05

Table R-1219. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.17	-6.14E+03	6.69E+03	-6.19E+03	6.50E+03	-3.71E+05	3.90E+05
1/20	97.2	-2.10E+04	2.49E+04	-2.08E+04	2.39E+04	-4.17E+05	4.77E+05
1/15	786.	-3.21E+04	3.57E+04	-3.11E+04	3.09E+04	-4.78E+05	4.51E+05
1/10	1.08E+03	-6.44E+04	4.28E+04	-5.18E+04	3.06E+04	-5.29E+05	2.95E+05

Table R-1220. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.73	-6.19E+03	6.19E+03	-6.13E+03	6.13E+03	-3.68E+05	3.67E+05
1/20	23.2	-1.86E+04	1.86E+04	-1.84E+04	1.84E+04	-3.68E+05	3.67E+05
1/15	30.9	-2.48E+04	2.48E+04	-2.45E+04	2.45E+04	-3.68E+05	3.67E+05
1/10	46.4	-3.71E+04	3.71E+04	-3.68E+04	3.68E+04	-3.68E+05	3.67E+05

Table R-1221. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	16.2	-6.01E+03	6.62E+03	-6.00E+03	6.55E+03	-3.61E+05	3.92E+05
1/20	67.3	-2.00E+04	2.37E+04	-1.99E+04	2.34E+04	-4.00E+05	4.66E+05
1/15	477.	-2.96E+04	3.33E+04	-2.90E+04	3.14E+04	-4.43E+05	4.63E+05
1/10	1.08E+03	-5.53E+04	4.02E+04	-5.16E+04	2.93E+04	-5.27E+05	2.82E+05

Table R-1222. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	16.2	-6.01E+03	6.62E+03	-6.00E+03	6.55E+03	-3.61E+05	3.92E+05
1/20	67.3	-2.00E+04	2.37E+04	-1.99E+04	2.34E+04	-4.00E+05	4.66E+05
1/15	477.	-2.96E+04	3.33E+04	-2.90E+04	3.14E+04	-4.43E+05	4.63E+05
1/10	1.08E+03	-5.53E+04	4.02E+04	-5.16E+04	2.93E+04	-5.27E+05	2.82E+05

Table R-1223. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1224. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	43.7	-6.01E+03	6.65E+03	-5.98E+03	6.58E+03	-3.62E+05	3.92E+05
1/20	255.	-2.01E+04	2.17E+04	-1.98E+04	2.14E+04	-4.01E+05	4.24E+05
1/15	338.	-3.03E+04	3.23E+04	-3.00E+04	3.21E+04	-4.55E+05	4.76E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

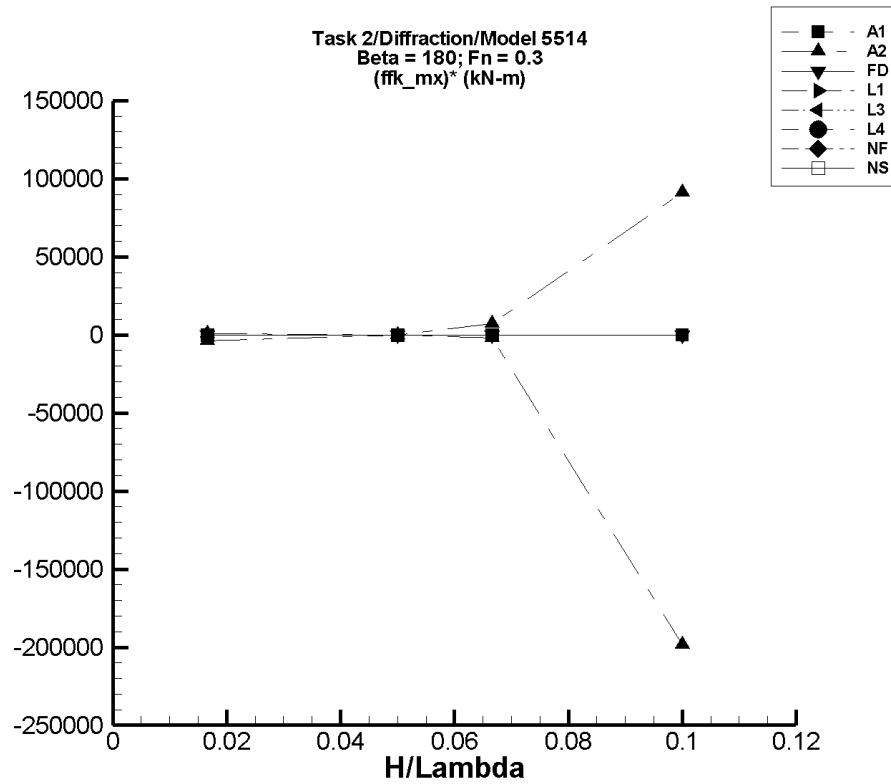


Figure R-154. Minimum and Maximum of (M_x^{fk})^{*} Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

Table R-1225. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.07E-06	-7.18E-04	7.17E-04	-6.95E-04	6.93E-04	-4.16E-02	4.17E-02
1/20	-3.20E-06	-2.15E-03	2.15E-03	-2.08E-03	2.07E-03	-4.15E-02	4.15E-02
1/15	-4.27E-06	-2.86E-03	2.86E-03	-2.77E-03	2.76E-03	-4.14E-02	4.15E-02
1/10	-6.41E-06	-4.29E-03	4.29E-03	-4.16E-03	4.15E-03	-4.15E-02	4.15E-02

Table R-1226. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.46	-530.	2.96E-04	-70.7	6.06	-3.85E+03	752.
1/20	-1.46E-03	-5.01E-02	6.38E-02	-8.45E-03	5.48E-03	-0.140	0.139
1/15	79.9	-120.	4.42E+03	-49.6	574.	-1.94E+03	7.41E+03
1/10	-7.05E+03	-1.69E+05	512.	-2.69E+04	2.07E+03	-1.98E+05	9.11E+04

Table R-1227. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.10E-03	-1.34E-02	3.48E-02	-5.68E-03	2.44E-02	-0.587	1.22
1/20	4.76E-04	-5.57E-02	6.79E-02	-2.75E-02	2.21E-02	-0.560	0.432
1/15	1.37E-03	-0.162	0.135	-4.80E-02	5.15E-02	-0.741	0.751
1/10	-0.185	-21.4	0.471	-2.86	0.320	-26.8	5.05

TASK 2/DIFFRACTION/MODEL 5514

Table R-1228. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{fk} \rangle$	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{fk})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1229. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{fk} \rangle$	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{fk})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1230. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{fk} \rangle$	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{fk})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1231. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1232. Minimum and Maximum of M_x^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_x^{fk}		Filtered M_x^{fk}		Filtered $(M_x^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-2.70E-04	-4.78E-03	3.97E-03	-9.58E-04	4.53E-04	-4.13E-02	4.34E-02
1/20	-2.17E-04	-2.12E-02	2.19E-02	-5.28E-03	3.18E-03	-0.101	6.80E-02
1/15	5.99E-04	-4.73E-02	2.79E-02	-6.57E-03	7.06E-03	-0.108	9.69E-02
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

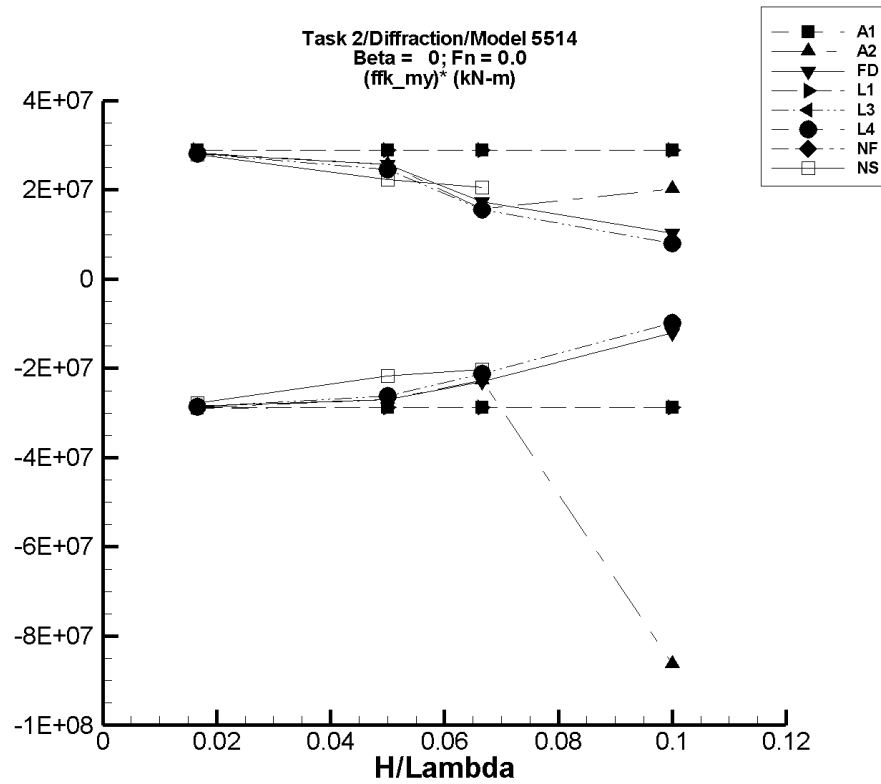


Figure R-155. Minimum and Maximum of $(M_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0.

Table R-1233. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-387.	-4.88E+05	4.87E+05	-4.82E+05	4.82E+05	-2.89E+07	2.89E+07
1/20	-1.16E+03	-1.46E+06	1.46E+06	-1.44E+06	1.44E+06	-2.88E+07	2.89E+07
1/15	-1.54E+03	-1.94E+06	1.94E+06	-1.92E+06	1.92E+06	-2.88E+07	2.88E+07
1/10	-2.32E+03	-2.92E+06	2.92E+06	-2.88E+06	2.88E+06	-2.88E+07	2.89E+07

Table R-1234. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.11E+04	-4.74E+05	4.89E+05	-4.69E+05	4.83E+05	-2.88E+07	2.83E+07
1/20	1.09E+05	-1.27E+06	1.41E+06	-1.24E+06	1.39E+06	-2.70E+07	2.56E+07
1/15	-3.97E+03	-1.56E+06	1.46E+06	-1.51E+06	1.04E+06	-2.27E+07	1.57E+07
1/10	-1.20E+06	-6.67E+07	1.83E+06	-9.83E+06	8.16E+05	-8.63E+07	2.01E+07

Table R–1235. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	8.91E+03	-4.71E+05	4.82E+05	-4.65E+05	4.77E+05	-2.84E+07	2.81E+07
1/20	1.11E+05	-1.27E+06	1.41E+06	-1.24E+06	1.39E+06	-2.71E+07	2.57E+07
1/15	-1.06E+04	-1.58E+06	1.18E+06	-1.54E+06	1.14E+06	-2.29E+07	1.73E+07
1/10	-3.86E+05	-1.73E+06	6.83E+05	-1.58E+06	6.35E+05	-1.20E+07	1.02E+07

Table R–1236. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-55.7	-4.83E+05	4.83E+05	-4.81E+05	4.81E+05	-2.88E+07	2.88E+07
1/20	-167.	-1.45E+06	1.45E+06	-1.44E+06	1.44E+06	-2.88E+07	2.88E+07
1/15	-223.	-1.93E+06	1.93E+06	-1.92E+06	1.92E+06	-2.88E+07	2.88E+07
1/10	-334.	-2.90E+06	2.90E+06	-2.88E+06	2.88E+06	-2.88E+07	2.88E+07

Table R-1237. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	6.78E+03	-4.72E+05	4.76E+05	-4.70E+05	4.74E+05	-2.86E+07	2.80E+07
1/20	9.45E+04	-1.22E+06	1.32E+06	-1.21E+06	1.32E+06	-2.61E+07	2.45E+07
1/15	-3.08E+04	-1.46E+06	1.02E+06	-1.44E+06	1.01E+06	-2.12E+07	1.56E+07
1/10	-3.55E+05	-1.41E+06	4.91E+05	-1.34E+06	4.43E+05	-9.80E+06	7.98E+06

Table R-1238. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	6.78E+03	-4.72E+05	4.76E+05	-4.70E+05	4.74E+05	-2.86E+07	2.80E+07
1/20	9.45E+04	-1.22E+06	1.32E+06	-1.21E+06	1.32E+06	-2.61E+07	2.45E+07
1/15	-3.08E+04	-1.46E+06	1.02E+06	-1.44E+06	1.01E+06	-2.12E+07	1.56E+07
1/10	-3.55E+05	-1.41E+06	4.91E+05	-1.34E+06	4.43E+05	-9.80E+06	7.98E+06

Table R-1239. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1240. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	241.	-4.69E+05	4.72E+05	-4.64E+05	4.67E+05	-2.79E+07	2.80E+07
1/20	-4.28E+04	-1.14E+06	1.07E+06	-1.12E+06	1.07E+06	-2.16E+07	2.23E+07
1/15	-6.47E+04	-1.42E+06	1.31E+06	-1.41E+06	1.31E+06	-2.02E+07	2.06E+07
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

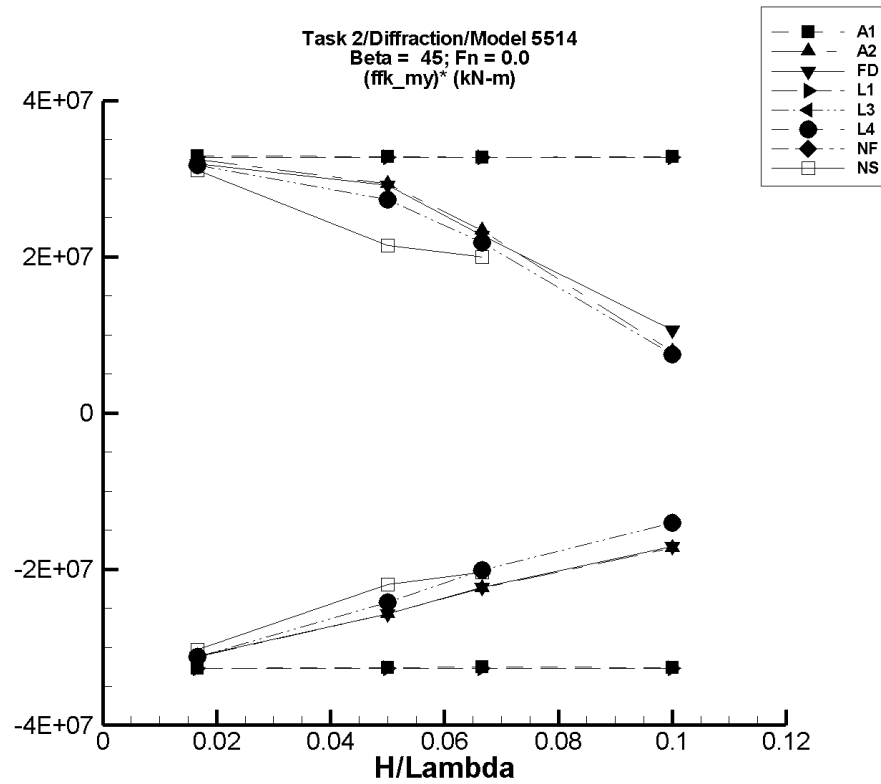


Figure R-156. Minimum and Maximum of $(M_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

Table R-1241. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-522.	-5.52E+05	5.52E+05	-5.46E+05	5.48E+05	-3.27E+07	3.29E+07
1/20	-1.56E+03	-1.65E+06	1.65E+06	-1.63E+06	1.64E+06	-3.26E+07	3.28E+07
1/15	-2.08E+03	-2.20E+06	2.20E+06	-2.17E+06	2.18E+06	-3.26E+07	3.27E+07
1/10	-3.12E+03	-3.30E+06	3.30E+06	-3.26E+06	3.28E+06	-3.26E+07	3.28E+07

Table R-1242. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.14E+04	-5.22E+05	5.52E+05	-5.10E+05	5.52E+05	-3.13E+07	3.24E+07
1/20	1.07E+05	-1.19E+06	1.57E+06	-1.18E+06	1.57E+06	-2.58E+07	2.93E+07
1/15	-2.62E+04	-1.54E+06	1.91E+06	-1.52E+06	1.53E+06	-2.25E+07	2.34E+07
1/10	-5.56E+05	-2.42E+06	1.41E+06	-2.28E+06	2.32E+05	-1.73E+07	7.88E+06

Table R-1243. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	9.32E+03	-5.16E+05	5.45E+05	-5.10E+05	5.41E+05	-3.12E+07	3.19E+07
1/20	1.09E+05	-1.19E+06	1.58E+06	-1.18E+06	1.57E+06	-2.57E+07	2.91E+07
1/15	-2.22E+04	-1.53E+06	1.57E+06	-1.51E+06	1.49E+06	-2.24E+07	2.27E+07
1/10	-3.54E+05	-2.15E+06	7.68E+05	-2.07E+06	7.08E+05	-1.71E+07	1.06E+07

Table R-1244. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-316.	-5.48E+05	5.48E+05	-5.46E+05	5.46E+05	-3.27E+07	3.28E+07
1/20	-949.	-1.64E+06	1.64E+06	-1.64E+06	1.64E+06	-3.27E+07	3.28E+07
1/15	-1.27E+03	-2.19E+06	2.19E+06	-2.18E+06	2.18E+06	-3.27E+07	3.28E+07
1/10	-1.90E+03	-3.29E+06	3.29E+06	-3.27E+06	3.27E+06	-3.27E+07	3.28E+07

Table R-1245. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	6.65E+03	-5.17E+05	5.37E+05	-5.15E+05	5.35E+05	-3.13E+07	3.17E+07
1/20	9.62E+04	-1.12E+06	1.47E+06	-1.12E+06	1.46E+06	-2.43E+07	2.73E+07
1/15	-3.04E+04	-1.38E+06	1.46E+06	-1.37E+06	1.43E+06	-2.01E+07	2.18E+07
1/10	-3.40E+05	-1.78E+06	4.85E+05	-1.75E+06	4.14E+05	-1.41E+07	7.54E+06

Table R-1246. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	6.65E+03	-5.17E+05	5.37E+05	-5.15E+05	5.35E+05	-3.13E+07	3.17E+07
1/20	9.62E+04	-1.12E+06	1.47E+06	-1.12E+06	1.46E+06	-2.43E+07	2.73E+07
1/15	-3.04E+04	-1.38E+06	1.46E+06	-1.37E+06	1.43E+06	-2.01E+07	2.18E+07
1/10	-3.40E+05	-1.78E+06	4.85E+05	-1.75E+06	4.14E+05	-1.41E+07	7.54E+06

Table R-1247. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1248. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-77.4	-5.10E+05	5.17E+05	-5.05E+05	5.18E+05	-3.03E+07	3.11E+07
1/20	-4.27E+04	-1.15E+06	1.04E+06	-1.14E+06	1.03E+06	-2.19E+07	2.15E+07
1/15	-6.35E+04	-1.43E+06	1.28E+06	-1.42E+06	1.27E+06	-2.04E+07	2.00E+07
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

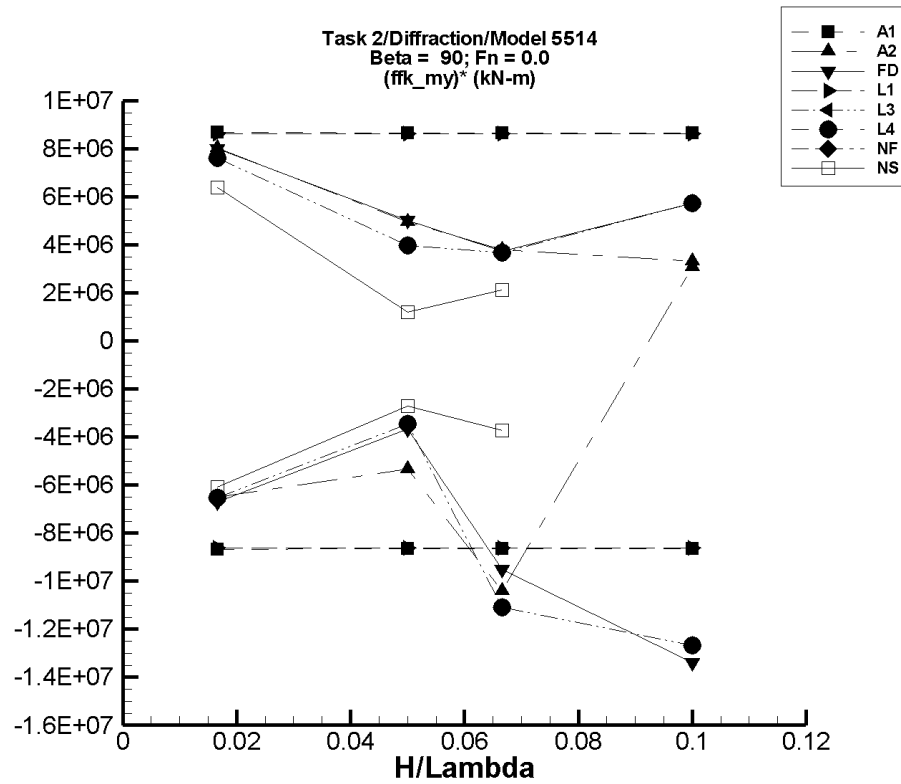


Figure R-157. Minimum and Maximum of $(M_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

Table R-1249. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-106.	-1.46E+05	1.46E+05	-1.45E+05	1.45E+05	-8.67E+06	8.68E+06
1/20	-318.	-4.38E+05	4.37E+05	-4.33E+05	4.33E+05	-8.65E+06	8.66E+06
1/15	-424.	-5.83E+05	5.82E+05	-5.76E+05	5.76E+05	-8.64E+06	8.65E+06
1/10	-636.	-8.75E+05	8.75E+05	-8.66E+05	8.65E+05	-8.65E+06	8.66E+06

Table R-1250. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.18E+04	-1.05E+05	1.47E+05	-9.63E+04	1.45E+05	-6.49E+06	8.02E+06
1/20	9.21E+04	-3.17E+05	3.42E+05	-1.75E+05	3.39E+05	-5.35E+06	4.94E+06
1/15	-1.33E+04	-9.71E+05	2.87E+05	-7.06E+05	2.39E+05	-1.04E+07	3.79E+06
1/10	-2.45E+06	-2.14E+06	-2.12E+06	-2.14E+06	-2.12E+06	3.08E+06	3.31E+06

Table R-1251. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	9.30E+03	-1.03E+05	1.44E+05	-1.03E+05	1.42E+05	-6.72E+06	7.99E+06
1/20	1.12E+05	-8.27E+04	3.66E+05	-7.03E+04	3.63E+05	-3.65E+06	5.01E+06
1/15	1.05E+03	-7.31E+05	2.95E+05	-6.33E+05	2.50E+05	-9.51E+06	3.73E+06
1/10	-3.55E+05	-1.71E+06	2.34E+05	-1.70E+06	2.19E+05	-1.34E+07	5.74E+06

Table R-1252. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	63.3	-1.44E+05	1.44E+05	-1.44E+05	1.44E+05	-8.62E+06	8.61E+06
1/20	190.	-4.32E+05	4.32E+05	-4.31E+05	4.31E+05	-8.62E+06	8.61E+06
1/15	253.	-5.77E+05	5.76E+05	-5.74E+05	5.74E+05	-8.62E+06	8.61E+06
1/10	380.	-8.65E+05	8.65E+05	-8.62E+05	8.61E+05	-8.62E+06	8.61E+06

Table R-1253. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.30E+03	-1.01E+05	1.35E+05	-1.01E+05	1.34E+05	-6.52E+06	7.60E+06
1/20	9.90E+04	-8.00E+04	2.98E+05	-7.42E+04	2.97E+05	-3.46E+06	3.96E+06
1/15	-1.45E+04	-7.87E+05	2.67E+05	-7.54E+05	2.30E+05	-1.11E+07	3.67E+06
1/10	-3.34E+05	-1.69E+06	2.42E+05	-1.60E+06	2.39E+05	-1.27E+07	5.73E+06

Table R-1254. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.30E+03	-1.01E+05	1.35E+05	-1.01E+05	1.34E+05	-6.52E+06	7.60E+06
1/20	9.90E+04	-8.00E+04	2.98E+05	-7.42E+04	2.97E+05	-3.46E+06	3.96E+06
1/15	-1.45E+04	-7.87E+05	2.67E+05	-7.54E+05	2.30E+05	-1.11E+07	3.67E+06
1/10	-3.34E+05	-1.69E+06	2.42E+05	-1.60E+06	2.39E+05	-1.27E+07	5.73E+06

Table R-1255. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1256. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-433.	-1.03E+05	1.06E+05	-1.02E+05	1.06E+05	-6.09E+06	6.37E+06
1/20	-4.23E+04	-1.82E+05	1.89E+04	-1.79E+05	1.75E+04	-2.72E+06	1.20E+06
1/15	-6.18E+04	-3.13E+05	8.15E+04	-3.10E+05	8.03E+04	-3.72E+06	2.13E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

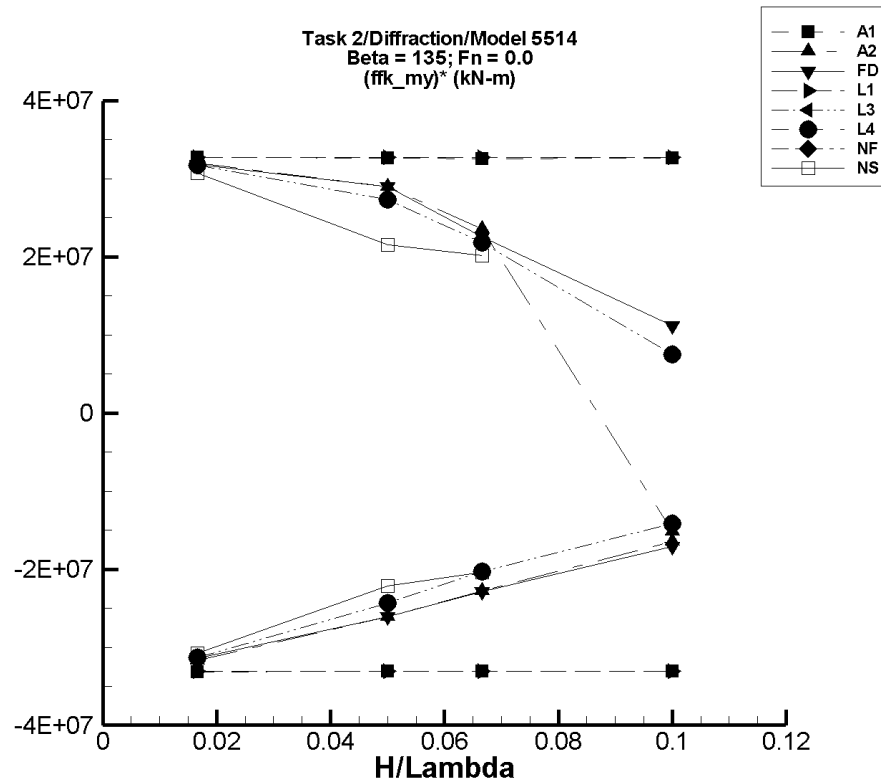


Figure R-158. Minimum and Maximum of $(M_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

Table R-1257. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	569.	-5.52E+05	5.52E+05	-5.53E+05	5.46E+05	-3.32E+07	3.27E+07
1/20	1.70E+03	-1.65E+06	1.65E+06	-1.65E+06	1.63E+06	-3.31E+07	3.26E+07
1/15	2.27E+03	-2.20E+06	2.20E+06	-2.20E+06	2.17E+06	-3.31E+07	3.26E+07
1/10	3.40E+03	-3.30E+06	3.30E+06	-3.31E+06	3.27E+06	-3.31E+07	3.26E+07

Table R-1258. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.26E+04	-5.21E+05	5.52E+05	-5.15E+05	5.46E+05	-3.17E+07	3.20E+07
1/20	1.08E+05	-1.43E+06	1.57E+06	-1.20E+06	1.56E+06	-2.61E+07	2.90E+07
1/15	-1.97E+04	-1.54E+06	1.59E+06	-1.54E+06	1.55E+06	-2.28E+07	2.35E+07
1/10	2.67E+05	-1.38E+06	-1.25E+06	-1.38E+06	-1.25E+06	-1.64E+07	-1.52E+07

Table R–1259. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	9.50E+03	-5.16E+05	5.45E+05	-5.14E+05	5.39E+05	-3.14E+07	3.18E+07
1/20	1.11E+05	-1.19E+06	1.58E+06	-1.19E+06	1.56E+06	-2.61E+07	2.90E+07
1/15	-1.07E+04	-1.53E+06	1.57E+06	-1.54E+06	1.49E+06	-2.29E+07	2.25E+07
1/10	-3.56E+05	-2.15E+06	7.70E+05	-2.07E+06	7.64E+05	-1.71E+07	1.12E+07

Table R–1260. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.43	-5.48E+05	5.48E+05	-5.52E+05	5.46E+05	-3.31E+07	3.27E+07
1/20	4.61	-1.64E+06	1.64E+06	-1.65E+06	1.64E+06	-3.31E+07	3.27E+07
1/15	5.84	-2.19E+06	2.19E+06	-2.21E+06	2.18E+06	-3.31E+07	3.27E+07
1/10	8.27	-3.29E+06	3.29E+06	-3.31E+06	3.27E+06	-3.31E+07	3.27E+07

Table R-1261. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.16E+03	-5.17E+05	5.37E+05	-5.15E+05	5.35E+05	-3.13E+07	3.17E+07
1/20	9.69E+04	-1.12E+06	1.47E+06	-1.12E+06	1.46E+06	-2.43E+07	2.73E+07
1/15	-2.74E+04	-1.38E+06	1.46E+06	-1.38E+06	1.42E+06	-2.03E+07	2.18E+07
1/10	-3.34E+05	-1.79E+06	4.93E+05	-1.75E+06	4.19E+05	-1.41E+07	7.54E+06

Table R-1262. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.16E+03	-5.17E+05	5.37E+05	-5.15E+05	5.35E+05	-3.13E+07	3.17E+07
1/20	9.69E+04	-1.12E+06	1.47E+06	-1.12E+06	1.46E+06	-2.43E+07	2.73E+07
1/15	-2.74E+04	-1.38E+06	1.46E+06	-1.38E+06	1.42E+06	-2.03E+07	2.18E+07
1/10	-3.34E+05	-1.79E+06	4.93E+05	-1.75E+06	4.19E+05	-1.41E+07	7.54E+06

Table R-1263. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1264. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	103.	-5.11E+05	5.17E+05	-5.12E+05	5.12E+05	-3.07E+07	3.07E+07
1/20	-4.27E+04	-1.14E+06	1.04E+06	-1.15E+06	1.03E+06	-2.21E+07	2.15E+07
1/15	-6.42E+04	-1.42E+06	1.29E+06	-1.43E+06	1.28E+06	-2.04E+07	2.02E+07
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

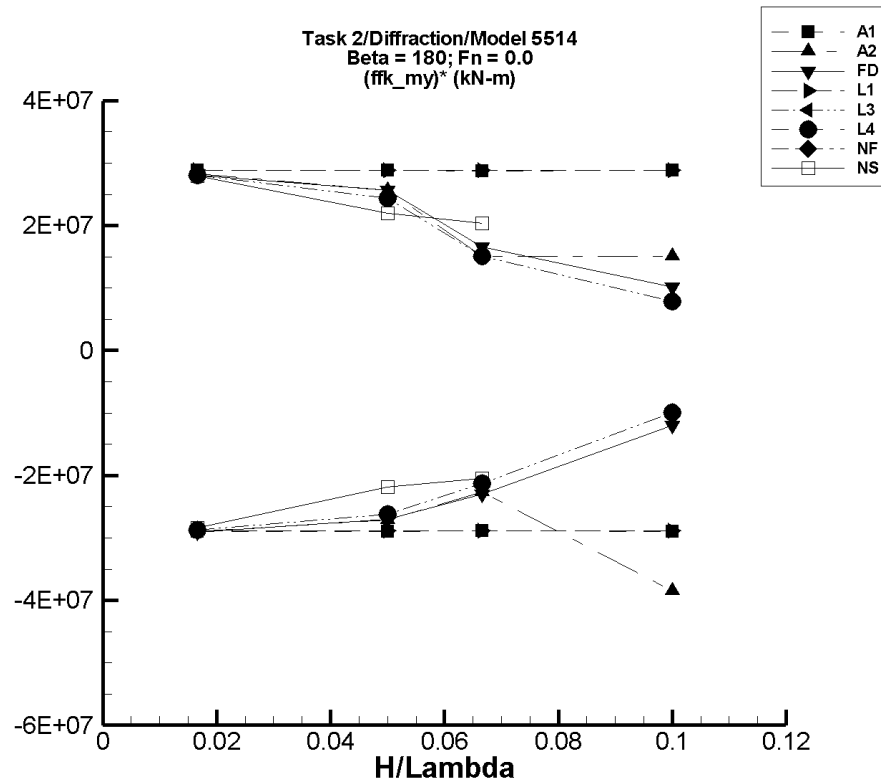


Figure R-159. Minimum and Maximum of $(M_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

Table R-1265. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	552.	-4.88E+05	4.88E+05	-4.83E+05	4.82E+05	-2.90E+07	2.89E+07
1/20	1.65E+03	-1.46E+06	1.46E+06	-1.45E+06	1.44E+06	-2.89E+07	2.88E+07
1/15	2.20E+03	-1.94E+06	1.94E+06	-1.92E+06	1.92E+06	-2.89E+07	2.88E+07
1/10	3.30E+03	-2.92E+06	2.92E+06	-2.89E+06	2.89E+06	-2.89E+07	2.88E+07

Table R-1266. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.21E+04	-4.74E+05	4.89E+05	-4.71E+05	4.83E+05	-2.90E+07	2.83E+07
1/20	1.08E+05	-1.54E+06	1.41E+06	-1.25E+06	1.39E+06	-2.71E+07	2.56E+07
1/15	-7.80E+03	-1.56E+06	1.39E+06	-1.52E+06	1.00E+06	-2.26E+07	1.51E+07
1/10	-7.26E+05	-2.69E+07	1.83E+06	-4.57E+06	7.79E+05	-3.85E+07	1.50E+07

Table R-1267. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	8.66E+03	-4.71E+05	4.82E+05	-4.75E+05	4.77E+05	-2.90E+07	2.81E+07
1/20	1.11E+05	-1.27E+06	1.41E+06	-1.24E+06	1.39E+06	-2.71E+07	2.57E+07
1/15	-8.10E+03	-1.58E+06	1.19E+06	-1.54E+06	1.10E+06	-2.30E+07	1.66E+07
1/10	-3.81E+05	-1.72E+06	6.88E+05	-1.58E+06	6.34E+05	-1.20E+07	1.01E+07

Table R-1268. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	153.	-4.82E+05	4.83E+05	-4.81E+05	4.81E+05	-2.88E+07	2.88E+07
1/20	459.	-1.45E+06	1.45E+06	-1.44E+06	1.44E+06	-2.88E+07	2.88E+07
1/15	612.	-1.93E+06	1.93E+06	-1.92E+06	1.92E+06	-2.88E+07	2.88E+07
1/10	918.	-2.89E+06	2.90E+06	-2.88E+06	2.88E+06	-2.88E+07	2.88E+07

Table R-1269. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	6.76E+03	-4.72E+05	4.76E+05	-4.72E+05	4.74E+05	-2.87E+07	2.80E+07
1/20	9.65E+04	-1.22E+06	1.32E+06	-1.21E+06	1.32E+06	-2.62E+07	2.44E+07
1/15	-2.79E+04	-1.46E+06	1.04E+06	-1.44E+06	9.80E+05	-2.13E+07	1.51E+07
1/10	-3.48E+05	-1.41E+06	4.89E+05	-1.34E+06	4.42E+05	-9.88E+06	7.90E+06

Table R-1270. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	6.76E+03	-4.72E+05	4.76E+05	-4.72E+05	4.74E+05	-2.87E+07	2.80E+07
1/20	9.65E+04	-1.22E+06	1.32E+06	-1.21E+06	1.32E+06	-2.62E+07	2.44E+07
1/15	-2.79E+04	-1.46E+06	1.04E+06	-1.44E+06	9.80E+05	-2.13E+07	1.51E+07
1/10	-3.48E+05	-1.41E+06	4.89E+05	-1.34E+06	4.42E+05	-9.88E+06	7.90E+06

Table R-1271. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1272. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	553.	-4.71E+05	4.71E+05	-4.72E+05	4.66E+05	-2.84E+07	2.79E+07
1/20	-4.27E+04	-1.15E+06	1.07E+06	-1.14E+06	1.06E+06	-2.19E+07	2.20E+07
1/15	-6.49E+04	-1.44E+06	1.30E+06	-1.43E+06	1.29E+06	-2.05E+07	2.04E+07
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

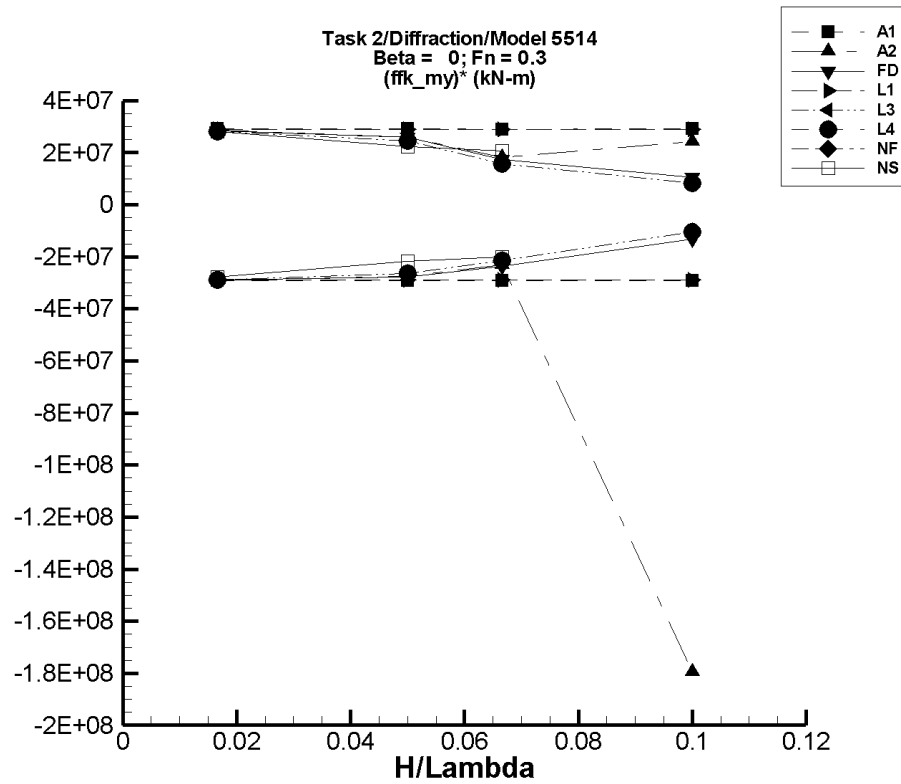


Figure R-160. Minimum and Maximum of $(M_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.3.

Table R-1273. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	279.	-4.87E+05	4.87E+05	-4.87E+05	4.87E+05	-2.92E+07	2.92E+07
1/20	835.	-1.46E+06	1.46E+06	-1.46E+06	1.46E+06	-2.91E+07	2.91E+07
1/15	1.11E+03	-1.94E+06	1.94E+06	-1.94E+06	1.94E+06	-2.91E+07	2.91E+07
1/10	1.67E+03	-2.91E+06	2.91E+06	-2.91E+06	2.91E+06	-2.91E+07	2.91E+07

Table R-1274. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.19E+04	-4.74E+05	4.89E+05	-4.74E+05	4.88E+05	-2.92E+07	2.86E+07
1/20	1.04E+05	-1.54E+06	1.41E+06	-1.27E+06	1.41E+06	-2.74E+07	2.60E+07
1/15	-1.13E+04	-1.62E+06	1.46E+06	-1.56E+06	1.20E+06	-2.32E+07	1.82E+07
1/10	-8.96E+05	-9.71E+07	1.83E+06	-1.88E+07	1.54E+06	-1.80E+08	2.44E+07

Table R-1275. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	9.91E+03	-4.71E+05	4.82E+05	-4.70E+05	4.82E+05	-2.88E+07	2.83E+07
1/20	1.13E+05	-1.27E+06	1.41E+06	-1.27E+06	1.41E+06	-2.77E+07	2.59E+07
1/15	-8.13E+03	-1.59E+06	1.19E+06	-1.58E+06	1.15E+06	-2.36E+07	1.73E+07
1/10	-3.81E+05	-1.74E+06	7.11E+05	-1.71E+06	6.80E+05	-1.33E+07	1.06E+07

Table R-1276. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	854.	-4.82E+05	4.82E+05	-4.82E+05	4.82E+05	-2.90E+07	2.89E+07
1/20	2.56E+03	-1.45E+06	1.45E+06	-1.45E+06	1.45E+06	-2.90E+07	2.89E+07
1/15	3.42E+03	-1.93E+06	1.93E+06	-1.93E+06	1.93E+06	-2.90E+07	2.89E+07
1/10	5.13E+03	-2.89E+06	2.89E+06	-2.89E+06	2.89E+06	-2.90E+07	2.89E+07

Table R-1277. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.32E+03	-4.72E+05	4.76E+05	-4.72E+05	4.76E+05	-2.88E+07	2.81E+07
1/20	9.72E+04	-1.22E+06	1.32E+06	-1.22E+06	1.32E+06	-2.64E+07	2.45E+07
1/15	-2.83E+04	-1.46E+06	1.03E+06	-1.46E+06	1.02E+06	-2.14E+07	1.57E+07
1/10	-3.52E+05	-1.41E+06	5.09E+05	-1.40E+06	4.86E+05	-1.04E+07	8.38E+06

Table R-1278. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.32E+03	-4.72E+05	4.76E+05	-4.72E+05	4.76E+05	-2.88E+07	2.81E+07
1/20	9.72E+04	-1.22E+06	1.32E+06	-1.22E+06	1.32E+06	-2.64E+07	2.45E+07
1/15	-2.83E+04	-1.46E+06	1.03E+06	-1.46E+06	1.02E+06	-2.14E+07	1.57E+07
1/10	-3.52E+05	-1.41E+06	5.09E+05	-1.40E+06	4.86E+05	-1.04E+07	8.38E+06

Table R-1279. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1280. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	673.	-4.69E+05	4.72E+05	-4.64E+05	4.67E+05	-2.79E+07	2.80E+07
1/20	-4.13E+04	-1.13E+06	1.07E+06	-1.12E+06	1.07E+06	-2.16E+07	2.23E+07
1/15	-6.29E+04	-1.42E+06	1.31E+06	-1.41E+06	1.31E+06	-2.02E+07	2.05E+07
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

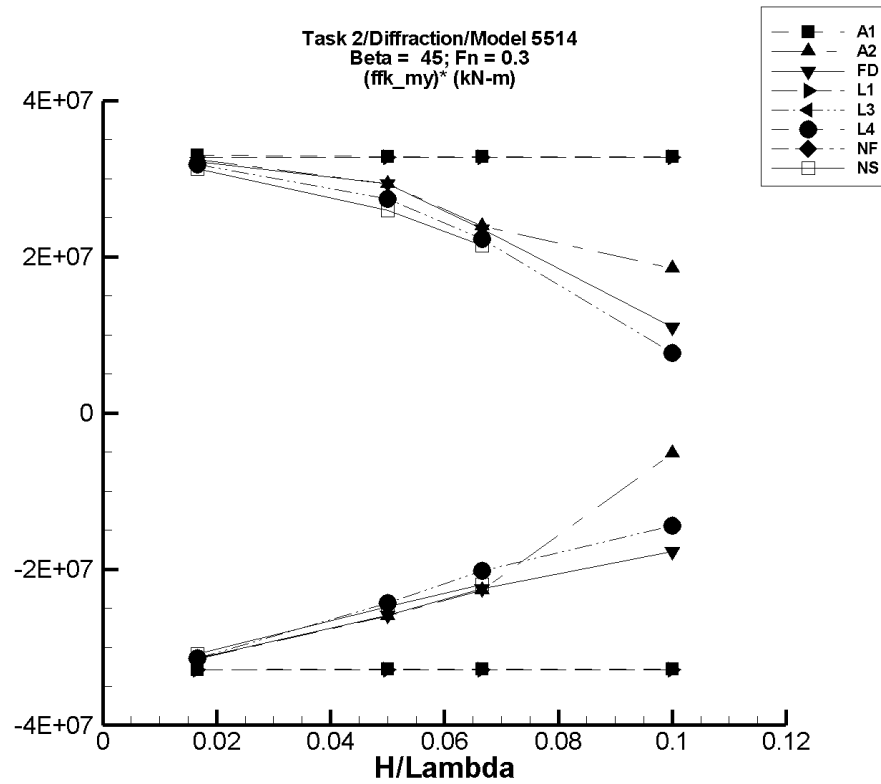


Figure R-161. Minimum and Maximum of $(M_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

Table R-1281. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-614.	-5.50E+05	5.50E+05	-5.49E+05	5.49E+05	-3.29E+07	3.30E+07
1/20	-1.84E+03	-1.65E+06	1.65E+06	-1.64E+06	1.64E+06	-3.28E+07	3.29E+07
1/15	-2.45E+03	-2.19E+06	2.19E+06	-2.19E+06	2.19E+06	-3.28E+07	3.28E+07
1/10	-3.68E+03	-3.29E+06	3.29E+06	-3.28E+06	3.28E+06	-3.28E+07	3.29E+07

Table R-1282. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.12E+04	-5.22E+05	5.52E+05	-5.14E+05	5.52E+05	-3.15E+07	3.24E+07
1/20	1.07E+05	-1.43E+06	1.57E+06	-1.19E+06	1.57E+06	-2.60E+07	2.93E+07
1/15	-2.07E+04	-1.54E+06	1.88E+06	-1.54E+06	1.58E+06	-2.27E+07	2.40E+07
1/10	-1.85E+06	-2.42E+06	-9.37E+03	-2.37E+06	6.24E+03	-5.18E+06	1.86E+07

Table R–1283. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	8.57E+03	-5.17E+05	5.45E+05	-5.15E+05	5.44E+05	-3.14E+07	3.21E+07
1/20	1.09E+05	-1.19E+06	1.58E+06	-1.19E+06	1.57E+06	-2.59E+07	2.93E+07
1/15	-2.18E+04	-1.53E+06	1.57E+06	-1.52E+06	1.55E+06	-2.25E+07	2.36E+07
1/10	-3.56E+05	-2.15E+06	7.71E+05	-2.13E+06	7.42E+05	-1.77E+07	1.10E+07

Table R–1284. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.24	-5.46E+05	5.46E+05	-5.48E+05	5.46E+05	-3.29E+07	3.27E+07
1/20	-18.6	-1.64E+06	1.64E+06	-1.64E+06	1.64E+06	-3.29E+07	3.27E+07
1/15	-24.9	-2.18E+06	2.18E+06	-2.19E+06	2.18E+06	-3.29E+07	3.27E+07
1/10	-37.6	-3.28E+06	3.28E+06	-3.29E+06	3.27E+06	-3.29E+07	3.27E+07

Table R-1285. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.11E+03	-5.17E+05	5.37E+05	-5.17E+05	5.37E+05	-3.14E+07	3.18E+07
1/20	9.61E+04	-1.12E+06	1.47E+06	-1.12E+06	1.47E+06	-2.43E+07	2.74E+07
1/15	-3.27E+04	-1.38E+06	1.46E+06	-1.38E+06	1.45E+06	-2.02E+07	2.23E+07
1/10	-3.33E+05	-1.79E+06	5.07E+05	-1.78E+06	4.38E+05	-1.44E+07	7.71E+06

Table R-1286. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.11E+03	-5.17E+05	5.37E+05	-5.17E+05	5.37E+05	-3.14E+07	3.18E+07
1/20	9.61E+04	-1.12E+06	1.47E+06	-1.12E+06	1.47E+06	-2.43E+07	2.74E+07
1/15	-3.27E+04	-1.38E+06	1.46E+06	-1.38E+06	1.45E+06	-2.02E+07	2.23E+07
1/10	-3.33E+05	-1.79E+06	5.07E+05	-1.78E+06	4.38E+05	-1.44E+07	7.71E+06

Table R-1287. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1288. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-2.72E+03	-5.22E+05	5.19E+05	-5.17E+05	5.19E+05	-3.08E+07	3.13E+07
1/20	-1.58E+04	-1.27E+06	1.28E+06	-1.26E+06	1.28E+06	-2.48E+07	2.60E+07
1/15	-5.82E+04	-1.53E+06	1.37E+06	-1.52E+06	1.37E+06	-2.20E+07	2.14E+07
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

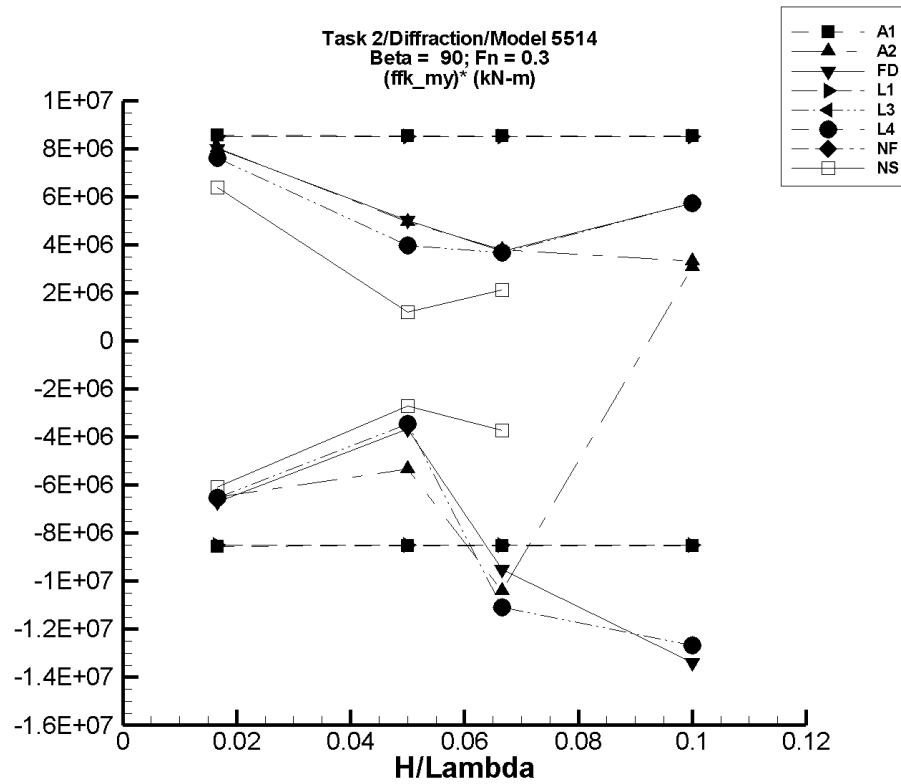


Figure R-162. Minimum and Maximum of $(M_y^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

Table R-1289. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-105.	-1.44E+05	1.44E+05	-1.43E+05	1.43E+05	-8.55E+06	8.56E+06
1/20	-314.	-4.32E+05	4.31E+05	-4.27E+05	4.27E+05	-8.53E+06	8.54E+06
1/15	-418.	-5.75E+05	5.74E+05	-5.68E+05	5.68E+05	-8.52E+06	8.53E+06
1/10	-627.	-8.63E+05	8.63E+05	-8.54E+05	8.53E+05	-8.53E+06	8.54E+06

Table R-1290. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.18E+04	-1.05E+05	1.47E+05	-9.63E+04	1.45E+05	-6.49E+06	8.02E+06
1/20	9.21E+04	-3.17E+05	3.42E+05	-1.75E+05	3.39E+05	-5.35E+06	4.94E+06
1/15	-1.33E+04	-9.71E+05	2.87E+05	-7.06E+05	2.39E+05	-1.04E+07	3.79E+06
1/10	-2.45E+06	-2.14E+06	-2.12E+06	-2.14E+06	-2.12E+06	3.08E+06	3.31E+06

Table R–1291. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	9.30E+03	-1.03E+05	1.44E+05	-1.03E+05	1.42E+05	-6.72E+06	7.99E+06
1/20	1.12E+05	-8.27E+04	3.66E+05	-7.03E+04	3.63E+05	-3.65E+06	5.01E+06
1/15	1.05E+03	-7.31E+05	2.95E+05	-6.33E+05	2.50E+05	-9.51E+06	3.73E+06
1/10	-3.55E+05	-1.71E+06	2.34E+05	-1.70E+06	2.19E+05	-1.34E+07	5.74E+06

Table R–1292. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	62.5	-1.42E+05	1.42E+05	-1.42E+05	1.42E+05	-8.51E+06	8.50E+06
1/20	187.	-4.27E+05	4.27E+05	-4.25E+05	4.25E+05	-8.51E+06	8.50E+06
1/15	250.	-5.69E+05	5.69E+05	-5.67E+05	5.67E+05	-8.51E+06	8.50E+06
1/10	375.	-8.53E+05	8.53E+05	-8.50E+05	8.50E+05	-8.51E+06	8.50E+06

Table R-1293. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.30E+03	-1.01E+05	1.35E+05	-1.01E+05	1.34E+05	-6.52E+06	7.60E+06
1/20	9.90E+04	-8.00E+04	2.98E+05	-7.42E+04	2.97E+05	-3.46E+06	3.96E+06
1/15	-1.45E+04	-7.87E+05	2.67E+05	-7.54E+05	2.30E+05	-1.11E+07	3.67E+06
1/10	-3.34E+05	-1.69E+06	2.42E+05	-1.60E+06	2.39E+05	-1.27E+07	5.73E+06

Table R-1294. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.30E+03	-1.01E+05	1.35E+05	-1.01E+05	1.34E+05	-6.52E+06	7.60E+06
1/20	9.90E+04	-8.00E+04	2.98E+05	-7.42E+04	2.97E+05	-3.46E+06	3.96E+06
1/15	-1.45E+04	-7.87E+05	2.67E+05	-7.54E+05	2.30E+05	-1.11E+07	3.67E+06
1/10	-3.34E+05	-1.69E+06	2.42E+05	-1.60E+06	2.39E+05	-1.27E+07	5.73E+06

Table R-1295. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1296. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-432.	-1.03E+05	1.06E+05	-1.02E+05	1.06E+05	-6.09E+06	6.37E+06
1/20	-4.23E+04	-1.82E+05	1.89E+04	-1.79E+05	1.75E+04	-2.73E+06	1.20E+06
1/15	-6.18E+04	-3.13E+05	8.15E+04	-3.10E+05	8.03E+04	-3.72E+06	2.13E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

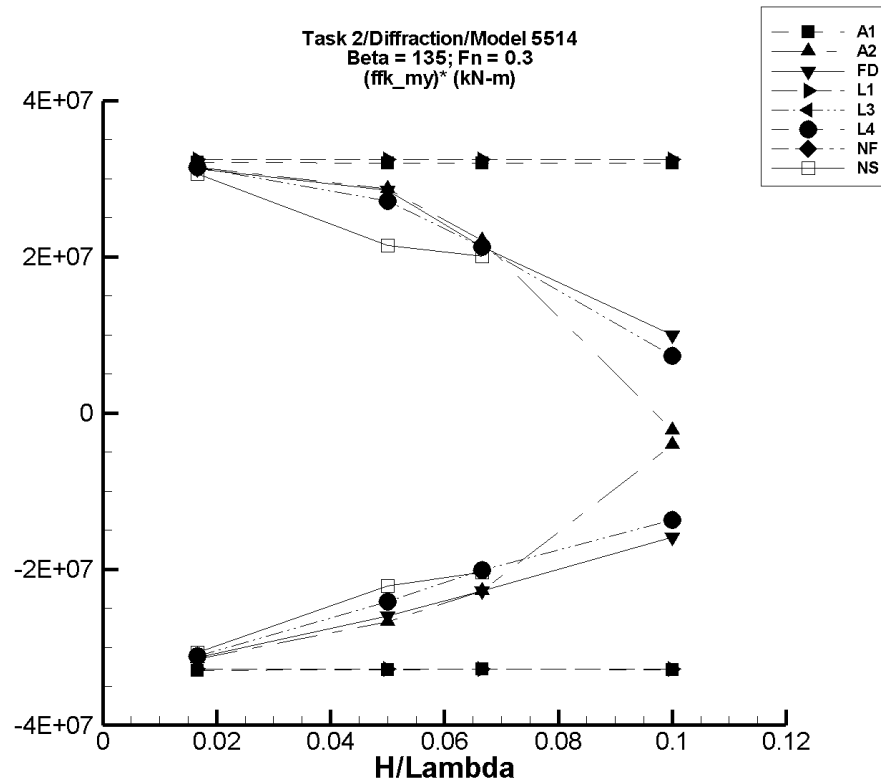


Figure R-163. Minimum and Maximum of (M_y^{fk})^{*} Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

Table R-1297. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	799.	-5.50E+05	5.50E+05	-5.48E+05	5.36E+05	-3.29E+07	3.21E+07
1/20	2.39E+03	-1.65E+06	1.64E+06	-1.64E+06	1.60E+06	-3.28E+07	3.20E+07
1/15	3.18E+03	-2.19E+06	2.19E+06	-2.18E+06	2.13E+06	-3.28E+07	3.20E+07
1/10	4.78E+03	-3.29E+06	3.29E+06	-3.28E+06	3.21E+06	-3.28E+07	3.20E+07

Table R-1298. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.29E+04	-5.15E+05	5.52E+05	-5.12E+05	5.38E+05	-3.15E+07	3.15E+07
1/20	1.00E+05	-1.51E+06	1.57E+06	-1.24E+06	1.53E+06	-2.67E+07	2.87E+07
1/15	-1.83E+04	-1.54E+06	1.59E+06	-1.54E+06	1.45E+06	-2.28E+07	2.21E+07
1/10	-9.29E+05	-1.34E+06	-1.15E+06	-1.34E+06	-1.15E+06	-4.10E+06	-2.24E+06

Table R–1299. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	9.65E+03	-5.16E+05	5.45E+05	-5.12E+05	5.31E+05	-3.13E+07	3.13E+07
1/20	1.13E+05	-1.19E+06	1.58E+06	-1.19E+06	1.54E+06	-2.60E+07	2.85E+07
1/15	-8.64E+03	-1.53E+06	1.57E+06	-1.53E+06	1.41E+06	-2.28E+07	2.13E+07
1/10	-3.61E+05	-2.15E+06	7.64E+05	-1.96E+06	6.36E+05	-1.59E+07	9.97E+06

Table R–1300. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	627.	-5.46E+05	5.46E+05	-5.46E+05	5.41E+05	-3.28E+07	3.24E+07
1/20	1.88E+03	-1.64E+06	1.64E+06	-1.64E+06	1.62E+06	-3.28E+07	3.24E+07
1/15	2.51E+03	-2.18E+06	2.18E+06	-2.18E+06	2.16E+06	-3.28E+07	3.24E+07
1/10	3.76E+03	-3.28E+06	3.28E+06	-3.27E+06	3.25E+06	-3.28E+07	3.24E+07

Table R–1301. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.77E+03	-5.17E+05	5.37E+05	-5.11E+05	5.32E+05	-3.11E+07	3.15E+07
1/20	9.73E+04	-1.12E+06	1.47E+06	-1.11E+06	1.46E+06	-2.42E+07	2.72E+07
1/15	-2.97E+04	-1.38E+06	1.46E+06	-1.37E+06	1.39E+06	-2.01E+07	2.12E+07
1/10	-3.39E+05	-1.79E+06	4.54E+05	-1.71E+06	3.95E+05	-1.37E+07	7.34E+06

Table R–1302. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.77E+03	-5.17E+05	5.37E+05	-5.11E+05	5.32E+05	-3.11E+07	3.15E+07
1/20	9.73E+04	-1.12E+06	1.47E+06	-1.11E+06	1.46E+06	-2.42E+07	2.72E+07
1/15	-2.97E+04	-1.38E+06	1.46E+06	-1.37E+06	1.39E+06	-2.01E+07	2.12E+07
1/10	-3.39E+05	-1.79E+06	4.54E+05	-1.71E+06	3.95E+05	-1.37E+07	7.34E+06

Table R-1303. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1304. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	535.	-5.09E+05	5.17E+05	-5.11E+05	5.12E+05	-3.07E+07	3.07E+07
1/20	-4.26E+04	-1.14E+06	1.04E+06	-1.15E+06	1.03E+06	-2.21E+07	2.14E+07
1/15	-6.49E+04	-1.42E+06	1.28E+06	-1.43E+06	1.27E+06	-2.04E+07	2.00E+07
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

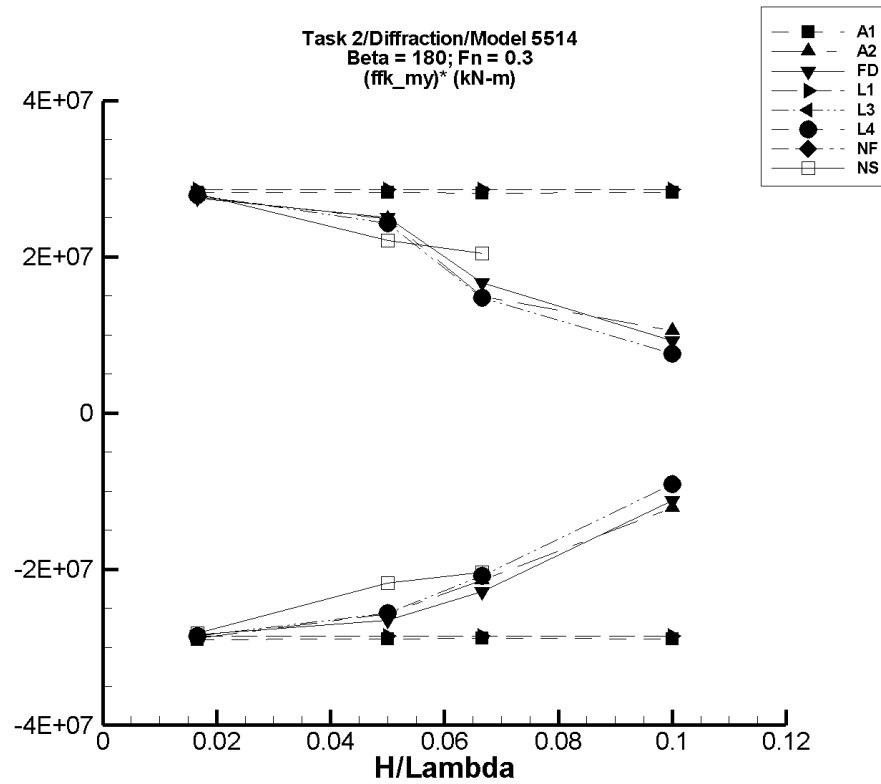


Figure R-164. Minimum and Maximum of (M_y^{fk})^{*} Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

Table R–1305. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-864.	-4.87E+05	4.87E+05	-4.84E+05	4.70E+05	-2.90E+07	2.83E+07
1/20	-2.58E+03	-1.46E+06	1.46E+06	-1.45E+06	1.41E+06	-2.89E+07	2.82E+07
1/15	-3.44E+03	-1.94E+06	1.94E+06	-1.93E+06	1.87E+06	-2.89E+07	2.82E+07
1/10	-5.17E+03	-2.91E+06	2.91E+06	-2.90E+06	2.81E+06	-2.89E+07	2.82E+07

Table R–1306. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.04E+04	-4.74E+05	4.88E+05	-4.71E+05	4.72E+05	-2.89E+07	2.77E+07
1/20	1.09E+05	-1.27E+06	1.40E+06	-1.18E+06	1.35E+06	-2.58E+07	2.49E+07
1/15	-8.87E+03	-1.56E+06	1.04E+06	-1.44E+06	9.89E+05	-2.14E+07	1.50E+07
1/10	-4.53E+05	-2.15E+06	1.81E+06	-1.67E+06	6.01E+05	-1.22E+07	1.05E+07

Table R–1307. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.35E+03	-4.71E+05	4.82E+05	-4.66E+05	4.66E+05	-2.84E+07	2.75E+07
1/20	1.05E+05	-1.27E+06	1.41E+06	-1.22E+06	1.36E+06	-2.65E+07	2.50E+07
1/15	-2.19E+04	-1.58E+06	1.16E+06	-1.55E+06	1.09E+06	-2.29E+07	1.66E+07
1/10	-3.80E+05	-1.74E+06	6.87E+05	-1.50E+06	5.39E+05	-1.12E+07	9.19E+06

Table R–1308. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-664.	-4.82E+05	4.82E+05	-4.77E+05	4.76E+05	-2.86E+07	2.86E+07
1/20	-1.99E+03	-1.45E+06	1.45E+06	-1.43E+06	1.43E+06	-2.86E+07	2.86E+07
1/15	-2.66E+03	-1.93E+06	1.93E+06	-1.91E+06	1.90E+06	-2.86E+07	2.86E+07
1/10	-3.99E+03	-2.89E+06	2.89E+06	-2.86E+06	2.86E+06	-2.86E+07	2.86E+07

Table R–1309. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	5.49E+03	-4.72E+05	4.76E+05	-4.71E+05	4.70E+05	-2.86E+07	2.79E+07
1/20	9.38E+04	-1.22E+06	1.32E+06	-1.19E+06	1.31E+06	-2.56E+07	2.43E+07
1/15	-1.99E+04	-1.46E+06	1.03E+06	-1.41E+06	9.63E+05	-2.09E+07	1.47E+07
1/10	-3.57E+05	-1.39E+06	4.95E+05	-1.27E+06	4.05E+05	-9.15E+06	7.62E+06

Table R–1310. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	5.49E+03	-4.72E+05	4.76E+05	-4.71E+05	4.70E+05	-2.86E+07	2.79E+07
1/20	9.38E+04	-1.22E+06	1.32E+06	-1.19E+06	1.31E+06	-2.56E+07	2.43E+07
1/15	-1.99E+04	-1.46E+06	1.03E+06	-1.41E+06	9.63E+05	-2.09E+07	1.47E+07
1/10	-3.57E+05	-1.39E+06	4.95E+05	-1.27E+06	4.05E+05	-9.15E+06	7.62E+06

Table R–1311. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–1312. Minimum and Maximum of M_y^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{fk}} \rangle$	Unfiltered M_y^{fk}		Filtered M_y^{fk}		Filtered $(M_y^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-570.	-4.70E+05	4.72E+05	-4.70E+05	4.67E+05	-2.82E+07	2.80E+07
1/20	-4.48E+04	-1.15E+06	1.07E+06	-1.13E+06	1.06E+06	-2.18E+07	2.21E+07
1/15	-6.74E+04	-1.44E+06	1.30E+06	-1.43E+06	1.30E+06	-2.04E+07	2.05E+07
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

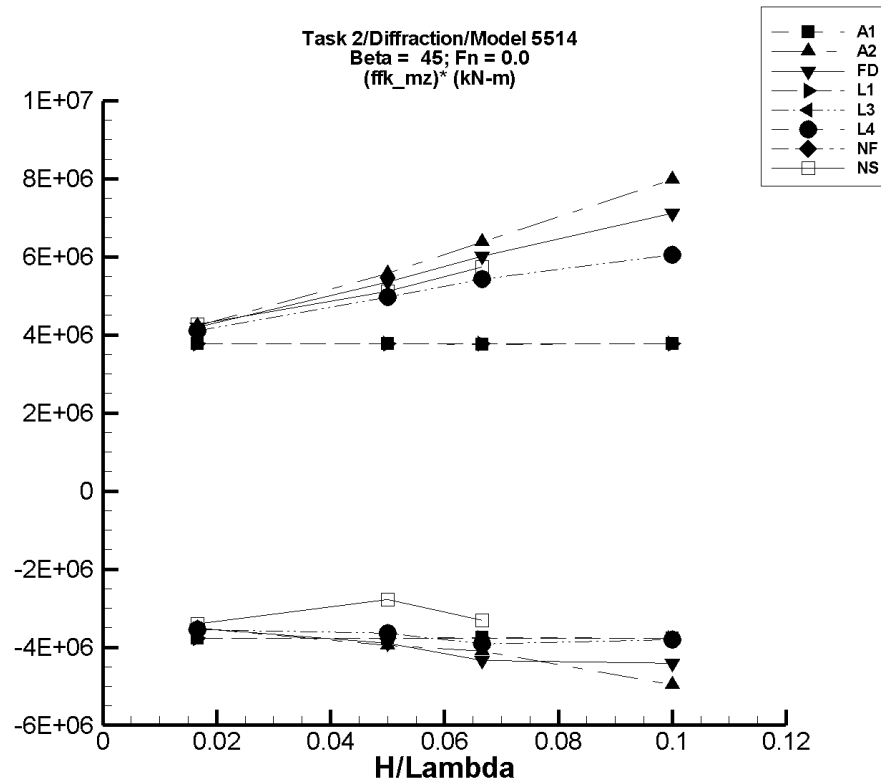


Figure R-165. Minimum and Maximum of $(M_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

Table R-1313. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-43.3	-6.37E+04	6.37E+04	-6.30E+04	6.30E+04	-3.78E+06	3.78E+06
1/20	-130.	-1.90E+05	1.90E+05	-1.88E+05	1.88E+05	-3.77E+06	3.77E+06
1/15	-173.	-2.54E+05	2.54E+05	-2.51E+05	2.51E+05	-3.76E+06	3.76E+06
1/10	-259.	-3.81E+05	3.81E+05	-3.77E+05	3.77E+05	-3.77E+06	3.77E+06

Table R-1314. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-70.4	-5.90E+04	7.13E+04	-5.85E+04	7.04E+04	-3.51E+06	4.23E+06
1/20	-2.52E+03	-4.57E+05	2.80E+05	-2.00E+05	2.76E+05	-3.95E+06	5.57E+06
1/15	260.	-6.00E+05	4.32E+05	-2.73E+05	4.25E+05	-4.10E+06	6.37E+06
1/10	-3.30E+04	-9.54E+05	7.77E+05	-5.30E+05	7.65E+05	-4.97E+06	7.98E+06

Table R-1315. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	29.7	-5.92E+04	7.09E+04	-5.87E+04	6.99E+04	-3.52E+06	4.19E+06
1/20	928.	-1.97E+05	2.73E+05	-1.94E+05	2.68E+05	-3.90E+06	5.35E+06
1/15	1.59E+03	-2.96E+05	4.09E+05	-2.88E+05	4.03E+05	-4.34E+06	6.02E+06
1/10	1.66E+03	-4.56E+05	7.28E+05	-4.40E+05	7.13E+05	-4.42E+06	7.12E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R-1316. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{fk} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk} Min. (kN-m)	Unfiltered M_z^{fk} Max. (kN-m)	Filtered M_z^{fk} Min. (kN-m)	Filtered M_z^{fk} Max. (kN-m)	Filtered $(M_z^{fk})^*$ Min. (kN-m)	Filtered $(M_z^{fk})^*$ Max. (kN-m)
1/60	-22.2	-6.30E+04	6.30E+04	-6.28E+04	6.28E+04	-3.77E+06	3.77E+06
1/20	-66.6	-1.89E+05	1.89E+05	-1.88E+05	1.88E+05	-3.77E+06	3.77E+06
1/15	-88.7	-2.52E+05	2.52E+05	-2.51E+05	2.51E+05	-3.77E+06	3.77E+06
1/10	-133.	-3.78E+05	3.78E+05	-3.77E+05	3.77E+05	-3.77E+06	3.77E+06

Table R-1317. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{fk} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk} Min. (kN-m)	Unfiltered M_z^{fk} Max. (kN-m)	Filtered M_z^{fk} Min. (kN-m)	Filtered M_z^{fk} Max. (kN-m)	Filtered $(M_z^{fk})^*$ Min. (kN-m)	Filtered $(M_z^{fk})^*$ Max. (kN-m)
1/60	-14.5	-5.93E+04	6.86E+04	-5.91E+04	6.83E+04	-3.55E+06	4.10E+06
1/20	377.	-1.83E+05	2.50E+05	-1.82E+05	2.48E+05	-3.64E+06	4.96E+06
1/15	577.	-2.63E+05	3.64E+05	-2.60E+05	3.63E+05	-3.91E+06	5.43E+06
1/10	345.	-3.84E+05	6.09E+05	-3.80E+05	6.05E+05	-3.80E+06	6.05E+06

Table R-1318. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{fk} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk} Min. (kN-m)	Unfiltered M_z^{fk} Max. (kN-m)	Filtered M_z^{fk} Min. (kN-m)	Filtered M_z^{fk} Max. (kN-m)	Filtered $(M_z^{fk})^*$ Min. (kN-m)	Filtered $(M_z^{fk})^*$ Max. (kN-m)
1/60	-14.5	-5.93E+04	6.86E+04	-5.91E+04	6.83E+04	-3.55E+06	4.10E+06
1/20	377.	-1.83E+05	2.50E+05	-1.82E+05	2.48E+05	-3.64E+06	4.96E+06
1/15	577.	-2.63E+05	3.64E+05	-2.60E+05	3.63E+05	-3.91E+06	5.43E+06
1/10	345.	-3.84E+05	6.09E+05	-3.80E+05	6.05E+05	-3.80E+06	6.05E+06

Table R-1319. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1320. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.34	-5.72E+04	7.12E+04	-5.68E+04	7.12E+04	-3.41E+06	4.27E+06
1/20	-13.9	-1.42E+05	2.61E+05	-1.39E+05	2.56E+05	-2.77E+06	5.12E+06
1/15	152.	-2.25E+05	3.87E+05	-2.21E+05	3.82E+05	-3.31E+06	5.73E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

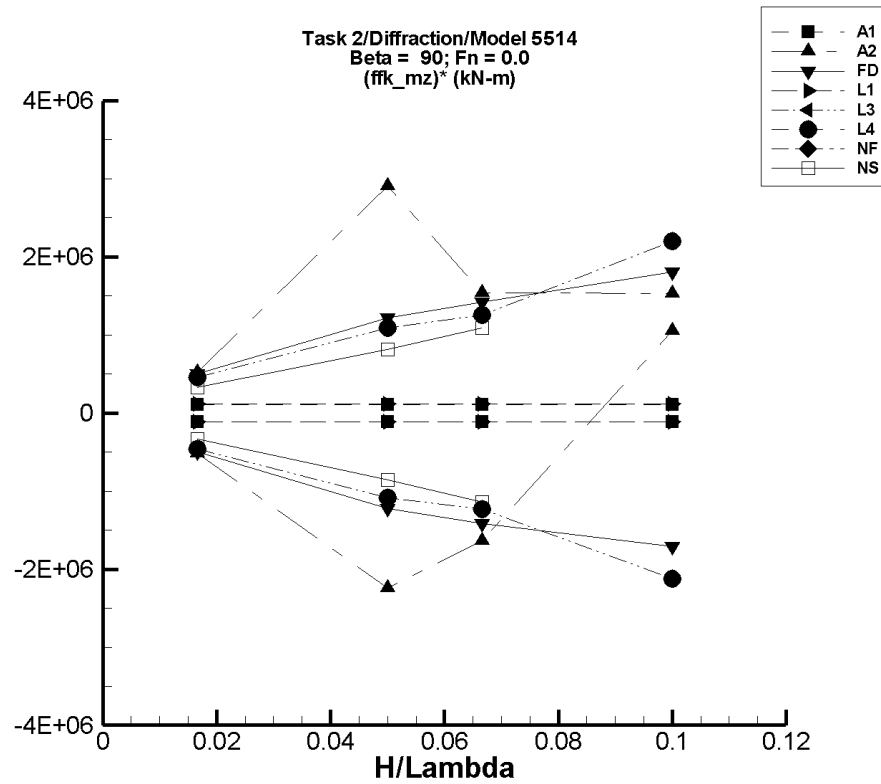


Figure R-166. Minimum and Maximum of $(M_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

Table R-1321. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.84	-1.85E+03	1.85E+03	-1.85E+03	1.83E+03	-1.11E+05	1.10E+05
1/20	5.49	-5.55E+03	5.54E+03	-5.54E+03	5.48E+03	-1.11E+05	1.10E+05
1/15	7.31	-7.38E+03	7.38E+03	-7.37E+03	7.30E+03	-1.11E+05	1.09E+05
1/10	11.0	-1.11E+04	1.11E+04	-1.11E+04	1.10E+04	-1.11E+05	1.10E+05

Table R-1322. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-47.6	-9.05E+03	9.05E+03	-8.68E+03	8.67E+03	-5.18E+05	5.23E+05
1/20	2.63E+03	-3.22E+05	3.29E+05	-1.10E+05	1.48E+05	-2.25E+06	2.91E+06
1/15	339.	-3.94E+05	3.79E+05	-1.09E+05	1.03E+05	-1.63E+06	1.54E+06
1/10	-3.29E+04	7.19E+04	1.21E+05	7.19E+04	1.21E+05	1.05E+06	1.53E+06

Table R-1323. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.86	-8.69E+03	8.70E+03	-8.37E+03	8.35E+03	-5.02E+05	5.01E+05
1/20	193.	-6.37E+04	6.37E+04	-6.11E+04	6.09E+04	-1.23E+06	1.21E+06
1/15	91.3	-1.03E+05	1.03E+05	-9.43E+04	9.48E+04	-1.42E+06	1.42E+06
1/10	-4.45E+03	-2.14E+05	2.14E+05	-1.76E+05	1.76E+05	-1.71E+06	1.80E+06

Table R-1324. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.32	-1.91E+03	1.91E+03	-1.91E+03	1.90E+03	-1.15E+05	1.14E+05
1/20	3.98	-5.73E+03	5.73E+03	-5.73E+03	5.71E+03	-1.15E+05	1.14E+05
1/15	5.31	-7.64E+03	7.64E+03	-7.64E+03	7.61E+03	-1.15E+05	1.14E+05
1/10	7.96	-1.15E+04	1.15E+04	-1.15E+04	1.14E+04	-1.15E+05	1.14E+05

Table R-1325. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-8.97	-7.74E+03	7.74E+03	-7.64E+03	7.65E+03	-4.58E+05	4.59E+05
1/20	-162.	-5.50E+04	5.50E+04	-5.45E+04	5.45E+04	-1.09E+06	1.09E+06
1/15	-568.	-8.63E+04	8.65E+04	-8.31E+04	8.31E+04	-1.24E+06	1.25E+06
1/10	-3.94E+03	-2.35E+05	2.35E+05	-2.16E+05	2.16E+05	-2.12E+06	2.20E+06

Table R-1326. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-8.97	-7.74E+03	7.74E+03	-7.64E+03	7.65E+03	-4.58E+05	4.59E+05
1/20	-162.	-5.50E+04	5.50E+04	-5.45E+04	5.45E+04	-1.09E+06	1.09E+06
1/15	-568.	-8.63E+04	8.65E+04	-8.31E+04	8.31E+04	-1.24E+06	1.25E+06
1/10	-3.94E+03	-2.35E+05	2.35E+05	-2.16E+05	2.16E+05	-2.12E+06	2.20E+06

Table R-1327. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1328. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.01	-5.68E+03	5.69E+03	-5.48E+03	5.49E+03	-3.29E+05	3.29E+05
1/20	-177.	-4.45E+04	4.16E+04	-4.32E+04	4.05E+04	-8.61E+05	8.13E+05
1/15	-302.	-7.79E+04	7.38E+04	-7.62E+04	7.22E+04	-1.14E+06	1.09E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

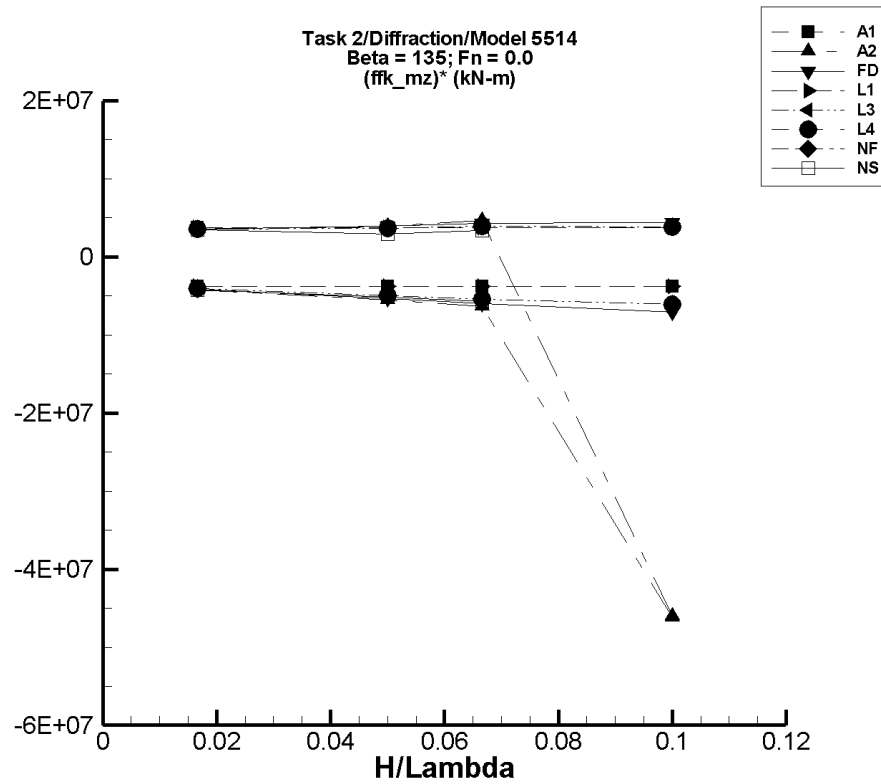


Figure R-167. Minimum and Maximum of (M_z^{fk})^{*} Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1329. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{fk} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{fk})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	49.1	-6.37E+04	6.36E+04	-6.30E+04	6.30E+04	-3.78E+06	3.77E+06
1/20	147.	-1.90E+05	1.90E+05	-1.88E+05	1.88E+05	-3.77E+06	3.76E+06
1/15	196.	-2.54E+05	2.54E+05	-2.51E+05	2.51E+05	-3.77E+06	3.76E+06
1/10	294.	-3.81E+05	3.81E+05	-3.77E+05	3.77E+05	-3.77E+06	3.76E+06

Table R-1330. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{fk} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{fk})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.29	-7.13E+04	5.90E+04	-7.04E+04	5.85E+04	-4.22E+06	3.51E+06
1/20	2.21E+03	-2.80E+05	4.71E+05	-2.76E+05	1.99E+05	-5.57E+06	3.94E+06
1/15	-1.47E+03	-4.32E+05	3.25E+05	-4.26E+05	3.11E+05	-6.36E+06	4.69E+06
1/10	5.09E+06	4.78E+05	4.98E+05	4.78E+05	4.98E+05	-4.62E+07	-4.60E+07

Table R-1331. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{fk} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{fk})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-14.9	-7.09E+04	5.92E+04	-6.99E+04	5.87E+04	-4.19E+06	3.52E+06
1/20	-578.	-2.73E+05	1.97E+05	-2.68E+05	1.94E+05	-5.35E+06	3.89E+06
1/15	-857.	-4.09E+05	2.96E+05	-4.03E+05	2.88E+05	-6.03E+06	4.33E+06
1/10	-1.87E+03	-7.28E+05	4.56E+05	-7.14E+05	4.41E+05	-7.12E+06	4.42E+06

Table R-1332. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	0.968	-6.30E+04	6.30E+04	-6.28E+04	6.28E+04	-3.77E+06	3.77E+06
1/20	2.96	-1.89E+05	1.89E+05	-1.88E+05	1.88E+05	-3.77E+06	3.77E+06
1/15	3.87	-2.52E+05	2.52E+05	-2.51E+05	2.51E+05	-3.77E+06	3.77E+06
1/10	5.86	-3.78E+05	3.78E+05	-3.77E+05	3.77E+05	-3.77E+06	3.77E+06

Table R-1333. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-7.85	-6.86E+04	5.93E+04	-6.83E+04	5.91E+04	-4.10E+06	3.55E+06
1/20	-559.	-2.50E+05	1.83E+05	-2.48E+05	1.82E+05	-4.95E+06	3.65E+06
1/15	-920.	-3.64E+05	2.62E+05	-3.63E+05	2.60E+05	-5.43E+06	3.92E+06
1/10	-1.41E+03	-6.09E+05	3.84E+05	-6.05E+05	3.80E+05	-6.04E+06	3.81E+06

Table R-1334. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-7.85	-6.86E+04	5.93E+04	-6.83E+04	5.91E+04	-4.10E+06	3.55E+06
1/20	-559.	-2.50E+05	1.83E+05	-2.48E+05	1.82E+05	-4.95E+06	3.65E+06
1/15	-920.	-3.64E+05	2.62E+05	-3.63E+05	2.60E+05	-5.43E+06	3.92E+06
1/10	-1.41E+03	-6.09E+05	3.84E+05	-6.05E+05	3.80E+05	-6.04E+06	3.81E+06

Table R–1335. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–1336. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	8.03	-7.11E+04	5.78E+04	-7.01E+04	5.74E+04	-4.21E+06	3.44E+06
1/20	-373.	-2.61E+05	1.49E+05	-2.56E+05	1.46E+05	-5.12E+06	2.93E+06
1/15	-786.	-3.87E+05	2.29E+05	-3.83E+05	2.25E+05	-5.73E+06	3.39E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

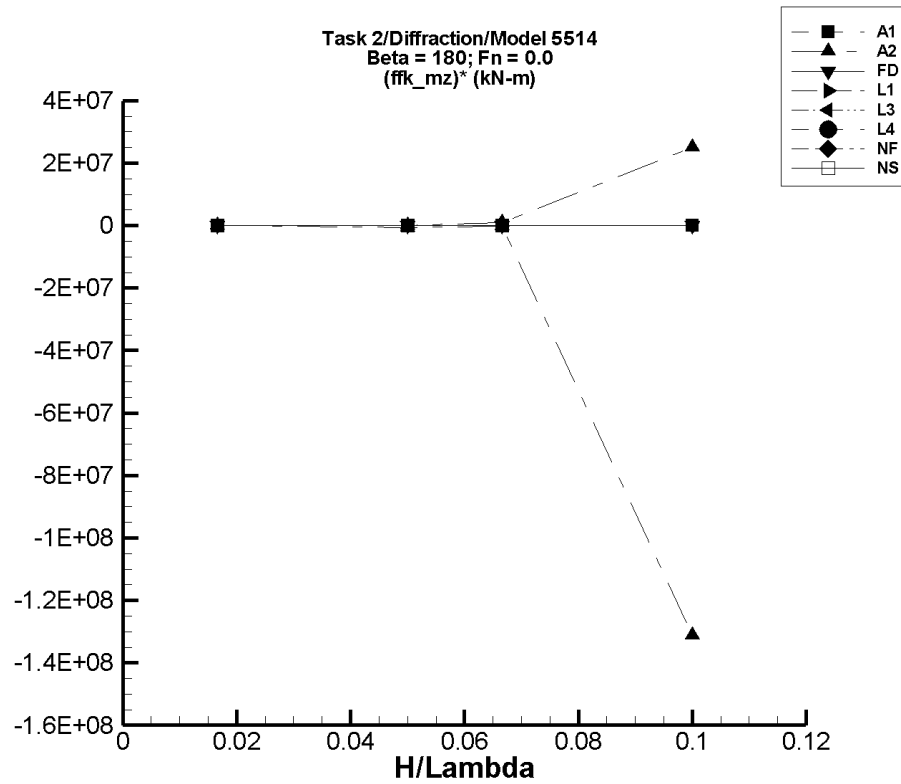


Figure R-168. Minimum and Maximum of (M_z^{fk})^{*} Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1337. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{fk} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{fk})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	3.64E-06	-4.69E-03	4.69E-03	-4.64E-03	4.64E-03	-0.279	0.278
1/20	1.09E-05	-1.40E-02	1.40E-02	-1.39E-02	1.39E-02	-0.278	0.277
1/15	1.45E-05	-1.87E-02	1.87E-02	-1.85E-02	1.85E-02	-0.278	0.277
1/10	2.18E-05	-2.81E-02	2.81E-02	-2.78E-02	2.78E-02	-0.278	0.277

Table R-1338. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{fk} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{fk})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.61E-04	-4.58E-02	6.13E-02	-1.26E-02	2.87E-03	-0.784	0.145
1/20	-1.60E+03	-2.71E+05	0.812	-3.61E+04	3.09E+03	-6.90E+05	9.37E+04
1/15	4.49E+03	-3.95E+03	4.47E+05	-5.19E+03	6.16E+04	-1.45E+05	8.57E+05
1/10	-1.17E+06	-1.06E+08	1.05E+06	-1.43E+07	1.32E+06	-1.31E+08	2.50E+07

Table R-1339. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{fk} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{fk})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-3.48E-04	-1.53E-02	1.90E-02	-2.16E-03	3.61E-03	-0.108	0.237
1/20	1.14E-03	-7.36E-02	7.49E-02	-7.89E-03	1.62E-02	-0.181	0.302
1/15	9.25E-04	-0.154	9.82E-02	-2.12E-02	2.12E-02	-0.331	0.304
1/10	-1.75E-03	-0.295	0.137	-3.97E-02	2.65E-02	-0.379	0.283

TASK 2/DIFFRACTION/MODEL 5514

Table R-1340. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{fk} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{fk})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1341. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{fk} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{fk})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1342. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{fk} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{fk})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1343. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1344. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.14E-03	-3.18E-02	4.35E-02	-8.37E-03	8.98E-03	-0.434	0.607
1/20	-2.39E-03	-0.104	8.82E-02	-4.35E-02	2.14E-02	-0.823	0.476
1/15	-4.87E-03	-0.168	0.185	-4.69E-02	3.96E-02	-0.630	0.667
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

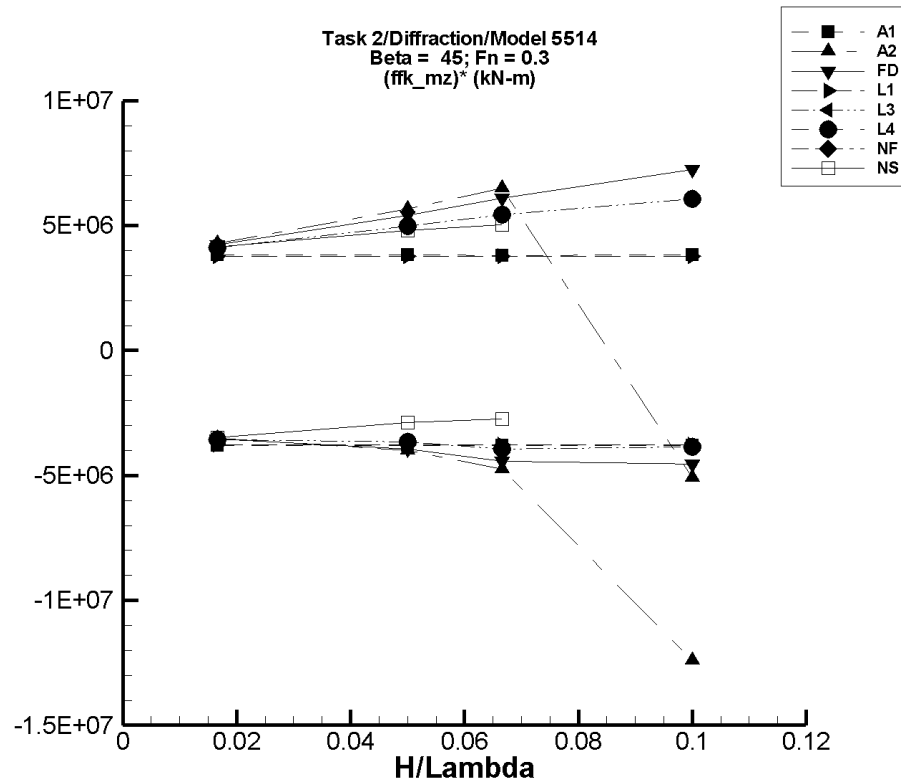


Figure R-169. Minimum and Maximum of $(M_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

Table R-1345. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-76.9	-6.36E+04	6.36E+04	-6.34E+04	6.38E+04	-3.80E+06	3.83E+06
1/20	-230.	-1.90E+05	1.90E+05	-1.90E+05	1.91E+05	-3.79E+06	3.82E+06
1/15	-306.	-2.53E+05	2.53E+05	-2.53E+05	2.54E+05	-3.79E+06	3.81E+06
1/10	-460.	-3.81E+05	3.81E+05	-3.80E+05	3.81E+05	-3.79E+06	3.82E+06

Table R-1346. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-93.9	-5.90E+04	7.14E+04	-5.89E+04	7.16E+04	-3.53E+06	4.30E+06
1/20	-1.92E+03	-4.71E+05	2.80E+05	-2.03E+05	2.81E+05	-4.01E+06	5.66E+06
1/15	-1.55E+03	-6.03E+05	4.32E+05	-3.19E+05	4.31E+05	-4.76E+06	6.49E+06
1/10	6.41E+05	-1.14E+06	1.35E+05	-6.00E+05	1.31E+05	-1.24E+07	-5.10E+06

Table R-1347. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-13.1	-5.92E+04	7.09E+04	-5.91E+04	7.06E+04	-3.54E+06	4.24E+06
1/20	626.	-1.97E+05	2.73E+05	-1.97E+05	2.71E+05	-3.94E+06	5.42E+06
1/15	1.03E+03	-2.96E+05	4.09E+05	-2.94E+05	4.08E+05	-4.42E+06	6.10E+06
1/10	1.28E+03	-4.57E+05	7.28E+05	-4.53E+05	7.25E+05	-4.55E+06	7.24E+06

Table R-1348. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	12.8	-6.30E+04	6.30E+04	-6.29E+04	6.29E+04	-3.78E+06	3.77E+06
1/20	38.4	-1.89E+05	1.89E+05	-1.89E+05	1.89E+05	-3.78E+06	3.77E+06
1/15	51.2	-2.52E+05	2.52E+05	-2.52E+05	2.52E+05	-3.78E+06	3.77E+06
1/10	76.9	-3.78E+05	3.78E+05	-3.77E+05	3.77E+05	-3.78E+06	3.77E+06

Table R-1349. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	33.1	-5.93E+04	6.86E+04	-5.93E+04	6.85E+04	-3.56E+06	4.11E+06
1/20	794.	-1.83E+05	2.50E+05	-1.82E+05	2.49E+05	-3.66E+06	4.97E+06
1/15	1.52E+03	-2.63E+05	3.64E+05	-2.62E+05	3.64E+05	-3.95E+06	5.44E+06
1/10	1.68E+03	-3.84E+05	6.10E+05	-3.83E+05	6.09E+05	-3.85E+06	6.07E+06

Table R-1350. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	33.1	-5.93E+04	6.86E+04	-5.93E+04	6.85E+04	-3.56E+06	4.11E+06
1/20	794.	-1.83E+05	2.50E+05	-1.82E+05	2.49E+05	-3.66E+06	4.97E+06
1/15	1.52E+03	-2.63E+05	3.64E+05	-2.62E+05	3.64E+05	-3.95E+06	5.44E+06
1/10	1.68E+03	-3.84E+05	6.10E+05	-3.83E+05	6.09E+05	-3.85E+06	6.07E+06

Table R-1351. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1352. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-74.8	-5.83E+04	6.90E+04	-5.79E+04	6.90E+04	-3.47E+06	4.15E+06
1/20	-229.	-1.46E+05	2.40E+05	-1.44E+05	2.40E+05	-2.88E+06	4.80E+06
1/15	6.76	-1.85E+05	3.39E+05	-1.82E+05	3.35E+05	-2.74E+06	5.02E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

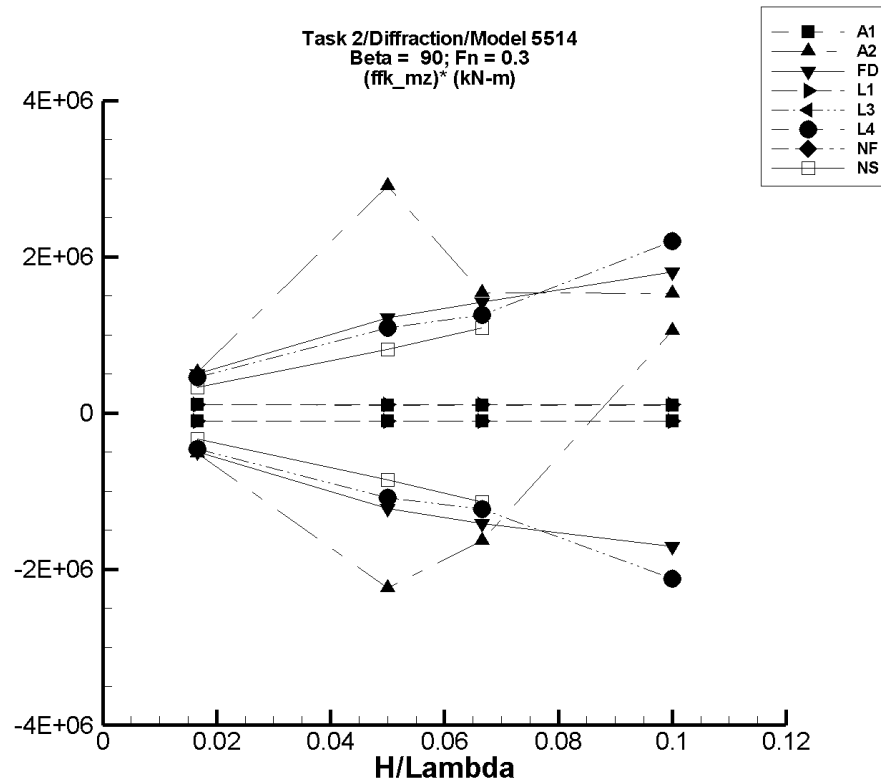


Figure R-170. Minimum and Maximum of $(M_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

Table R-1353. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.71	-1.73E+03	1.73E+03	-1.73E+03	1.71E+03	-1.04E+05	1.03E+05
1/20	5.13	-5.18E+03	5.18E+03	-5.17E+03	5.12E+03	-1.04E+05	1.02E+05
1/15	6.83	-6.90E+03	6.90E+03	-6.89E+03	6.82E+03	-1.03E+05	1.02E+05
1/10	10.3	-1.04E+04	1.04E+04	-1.03E+04	1.02E+04	-1.04E+05	1.02E+05

Table R-1354. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-47.6	-9.05E+03	9.05E+03	-8.68E+03	8.67E+03	-5.18E+05	5.23E+05
1/20	2.63E+03	-3.22E+05	3.29E+05	-1.10E+05	1.48E+05	-2.25E+06	2.91E+06
1/15	339.	-3.94E+05	3.79E+05	-1.09E+05	1.03E+05	-1.63E+06	1.54E+06
1/10	-3.29E+04	7.19E+04	1.21E+05	7.19E+04	1.21E+05	1.05E+06	1.53E+06

Table R-1355. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.87	-8.69E+03	8.70E+03	-8.37E+03	8.35E+03	-5.02E+05	5.01E+05
1/20	193.	-6.37E+04	6.37E+04	-6.11E+04	6.09E+04	-1.23E+06	1.21E+06
1/15	91.5	-1.03E+05	1.03E+05	-9.43E+04	9.48E+04	-1.42E+06	1.42E+06
1/10	-4.45E+03	-2.14E+05	2.14E+05	-1.76E+05	1.76E+05	-1.71E+06	1.80E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R-1356. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{fk} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{fk})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.25	-1.80E+03	1.80E+03	-1.80E+03	1.79E+03	-1.08E+05	1.07E+05
1/20	3.74	-5.39E+03	5.39E+03	-5.39E+03	5.37E+03	-1.08E+05	1.07E+05
1/15	5.01	-7.18E+03	7.18E+03	-7.18E+03	7.16E+03	-1.08E+05	1.07E+05
1/10	7.48	-1.08E+04	1.08E+04	-1.08E+04	1.07E+04	-1.08E+05	1.07E+05

Table R-1357. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{fk} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{fk})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-8.96	-7.74E+03	7.74E+03	-7.64E+03	7.65E+03	-4.58E+05	4.59E+05
1/20	-162.	-5.50E+04	5.50E+04	-5.45E+04	5.45E+04	-1.09E+06	1.09E+06
1/15	-568.	-8.63E+04	8.64E+04	-8.31E+04	8.31E+04	-1.24E+06	1.25E+06
1/10	-3.94E+03	-2.35E+05	2.35E+05	-2.16E+05	2.16E+05	-2.12E+06	2.20E+06

Table R-1358. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{fk} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{fk})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-8.96	-7.74E+03	7.74E+03	-7.64E+03	7.65E+03	-4.58E+05	4.59E+05
1/20	-162.	-5.50E+04	5.50E+04	-5.45E+04	5.45E+04	-1.09E+06	1.09E+06
1/15	-568.	-8.63E+04	8.64E+04	-8.31E+04	8.31E+04	-1.24E+06	1.25E+06
1/10	-3.94E+03	-2.35E+05	2.35E+05	-2.16E+05	2.16E+05	-2.12E+06	2.20E+06

Table R–1359. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–1360. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	6.77	-5.68E+03	5.70E+03	-5.49E+03	5.49E+03	-3.30E+05	3.29E+05
1/20	-165.	-4.45E+04	4.16E+04	-4.32E+04	4.05E+04	-8.61E+05	8.13E+05
1/15	-302.	-7.79E+04	7.38E+04	-7.62E+04	7.22E+04	-1.14E+06	1.09E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

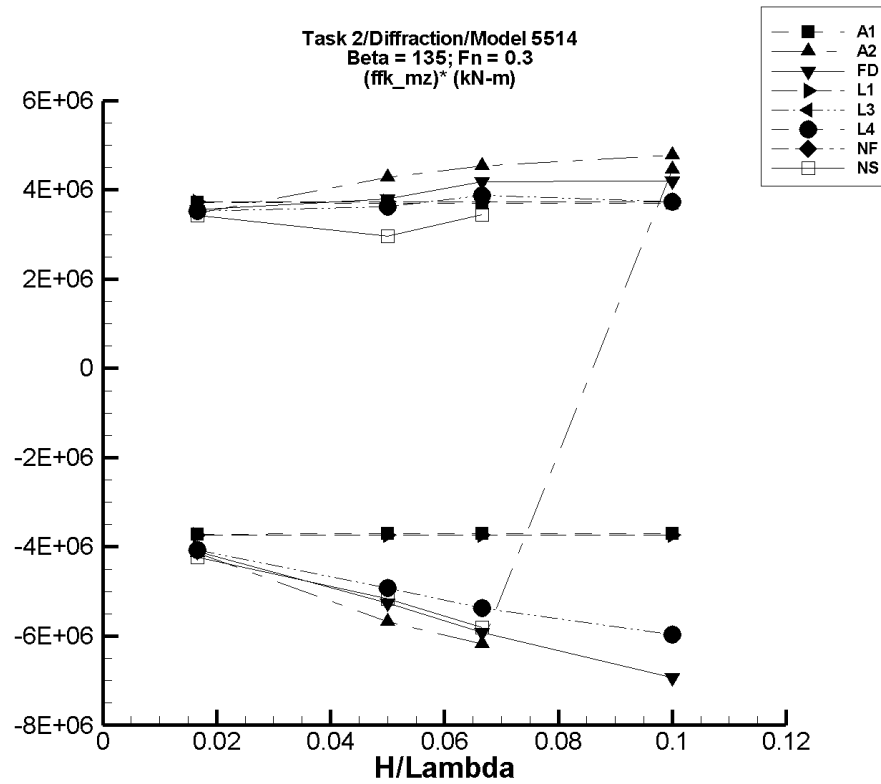


Figure R-171. Minimum and Maximum of $(M_z^{fk})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

Table R-1361. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	68.7	-6.36E+04	6.36E+04	-6.19E+04	6.20E+04	-3.72E+06	3.71E+06
1/20	206.	-1.90E+05	1.90E+05	-1.85E+05	1.85E+05	-3.71E+06	3.70E+06
1/15	274.	-2.53E+05	2.53E+05	-2.46E+05	2.47E+05	-3.70E+06	3.70E+06
1/10	411.	-3.80E+05	3.81E+05	-3.70E+05	3.71E+05	-3.71E+06	3.70E+06

Table R-1362. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	44.9	-7.13E+04	5.89E+04	-6.90E+04	5.79E+04	-4.14E+06	3.47E+06
1/20	1.29E+04	-2.80E+05	4.71E+05	-2.71E+05	2.27E+05	-5.68E+06	4.28E+06
1/15	-5.24E+03	-4.32E+05	3.27E+05	-4.17E+05	2.97E+05	-6.17E+06	4.53E+06
1/10	1.46E+04	4.60E+05	4.93E+05	4.60E+05	4.93E+05	4.45E+06	4.78E+06

Table R-1363. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-36.4	-7.09E+04	5.92E+04	-6.86E+04	5.93E+04	-4.11E+06	3.56E+06
1/20	-262.	-2.73E+05	1.97E+05	-2.63E+05	1.90E+05	-5.26E+06	3.80E+06
1/15	-384.	-4.09E+05	2.96E+05	-3.95E+05	2.78E+05	-5.92E+06	4.18E+06
1/10	-674.	-7.28E+05	4.56E+05	-6.93E+05	4.19E+05	-6.92E+06	4.20E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R-1364. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{fk} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{fk})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	38.5	-6.29E+04	6.29E+04	-6.24E+04	6.24E+04	-3.74E+06	3.74E+06
1/20	116.	-1.89E+05	1.89E+05	-1.87E+05	1.87E+05	-3.74E+06	3.74E+06
1/15	154.	-2.52E+05	2.52E+05	-2.49E+05	2.49E+05	-3.74E+06	3.74E+06
1/10	231.	-3.78E+05	3.78E+05	-3.74E+05	3.74E+05	-3.74E+06	3.74E+06

Table R-1365. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{fk} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{fk})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	27.5	-6.86E+04	5.93E+04	-6.78E+04	5.89E+04	-4.07E+06	3.53E+06
1/20	-459.	-2.50E+05	1.83E+05	-2.46E+05	1.80E+05	-4.92E+06	3.62E+06
1/15	-1.03E+03	-3.64E+05	2.63E+05	-3.60E+05	2.57E+05	-5.38E+06	3.88E+06
1/10	-1.02E+03	-6.10E+05	3.84E+05	-5.98E+05	3.72E+05	-5.97E+06	3.73E+06

Table R-1366. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{fk} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{fk})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	27.5	-6.86E+04	5.93E+04	-6.78E+04	5.89E+04	-4.07E+06	3.53E+06
1/20	-459.	-2.50E+05	1.83E+05	-2.46E+05	1.80E+05	-4.92E+06	3.62E+06
1/15	-1.03E+03	-3.64E+05	2.63E+05	-3.60E+05	2.57E+05	-5.38E+06	3.88E+06
1/10	-1.02E+03	-6.10E+05	3.84E+05	-5.98E+05	3.72E+05	-5.97E+06	3.73E+06

Table R–1367. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–1368. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	35.3	-7.14E+04	5.77E+04	-7.04E+04	5.72E+04	-4.23E+06	3.43E+06
1/20	-407.	-2.64E+05	1.51E+05	-2.59E+05	1.47E+05	-5.17E+06	2.96E+06
1/15	-845.	-3.92E+05	2.32E+05	-3.88E+05	2.28E+05	-5.80E+06	3.44E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

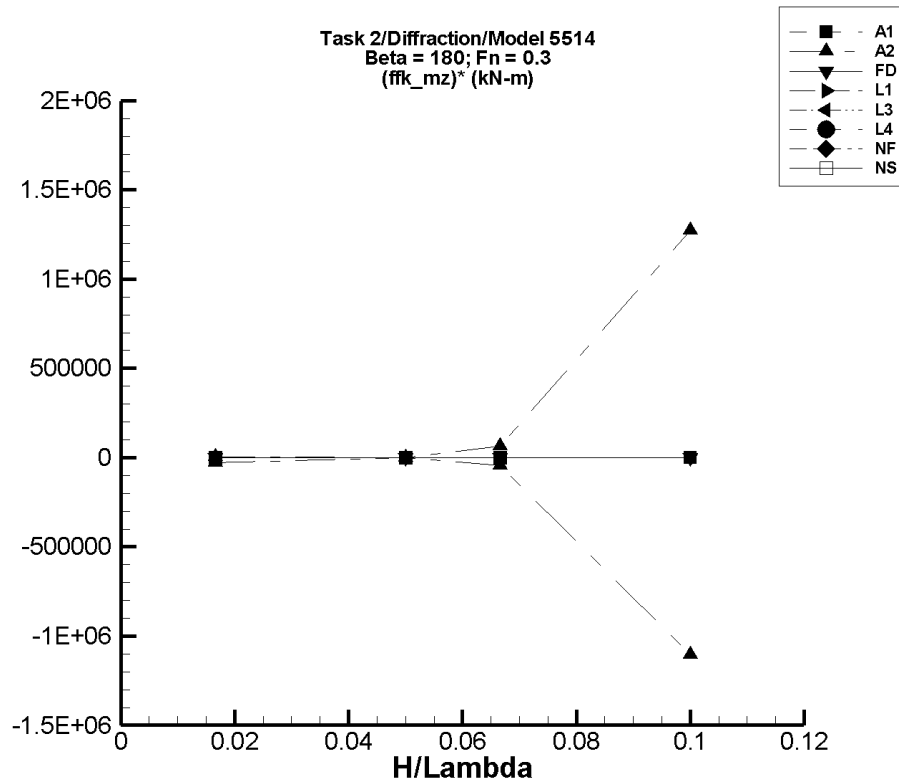


Figure R-172. Minimum and Maximum of (M_z^{fk})^{*} Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

Table R-1369. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-4.92E-06	-4.69E-03	4.69E-03	-4.54E-03	4.53E-03	-0.272	0.272
1/20	-1.47E-05	-1.40E-02	1.40E-02	-1.36E-02	1.36E-02	-0.271	0.271
1/15	-1.96E-05	-1.87E-02	1.87E-02	-1.81E-02	1.80E-02	-0.271	0.271
1/10	-2.94E-05	-2.81E-02	2.81E-02	-2.72E-02	2.71E-02	-0.271	0.271

Table R-1370. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-45.4	-3.73E+03	3.78E-02	-497.	42.6	-2.71E+04	5.28E+03
1/20	3.25E-02	-2.06	1.20	-0.163	0.187	-3.92	3.10
1/15	167.	-3.95E+03	3.46E+04	-2.83E+03	4.46E+03	-4.49E+04	6.44E+04
1/10	-6.95E+03	-6.89E+05	9.45E+05	-1.17E+05	1.20E+05	-1.10E+06	1.27E+06

Table R-1371. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.99E-02	-8.97E-02	0.220	-4.19E-02	0.162	-3.71	8.50
1/20	2.01E-03	-0.509	0.538	-0.278	0.176	-5.59	3.47
1/15	7.76E-03	-1.31	0.975	-0.462	0.437	-7.05	6.43
1/10	3.66E-02	-2.57	2.79	-0.777	0.611	-8.14	5.75

TASK 2/DIFFRACTION/MODEL 5514

Table R-1372. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{fk}} \rangle$	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1373. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{fk}} \rangle$	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1374. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{fk}} \rangle$	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1375. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1376. Minimum and Maximum of M_z^{fk} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{fk}} \rangle$ Mean (kN-m)	Unfiltered M_z^{fk}		Filtered M_z^{fk}		Filtered $(M_z^{\text{fk}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	9.79E-04	-3.04E-02	3.68E-02	-1.06E-02	1.58E-02	-0.695	0.886
1/20	-4.21E-04	-0.121	0.117	-1.71E-02	1.15E-02	-0.334	0.239
1/15	-6.01E-03	-0.266	0.195	-5.30E-02	5.79E-02	-0.705	0.958
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

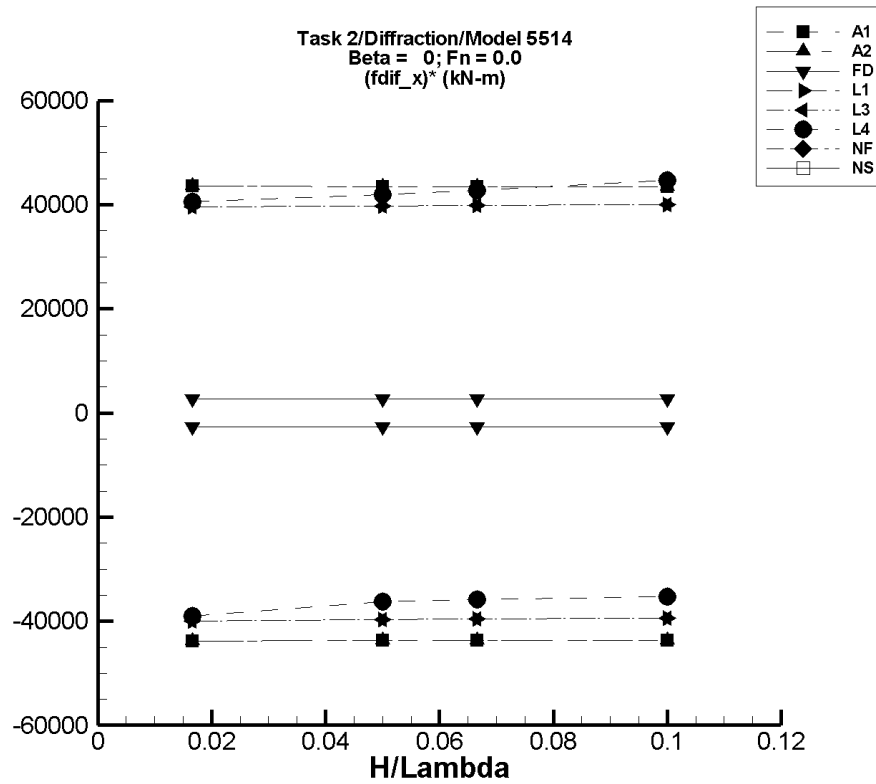


Figure R-173. Minimum and Maximum of $(F_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1377. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.930	-738.	735.	-730.	727.	-4.39E+04	4.36E+04
1/20	2.78	-2.21E+03	2.20E+03	-2.18E+03	2.18E+03	-4.37E+04	4.35E+04
1/15	3.71	-2.94E+03	2.93E+03	-2.91E+03	2.90E+03	-4.37E+04	4.34E+04
1/10	5.57	-4.41E+03	4.40E+03	-4.37E+03	4.35E+03	-4.37E+04	4.35E+04

Table R-1378. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.930	-738.	735.	-730.	727.	-4.39E+04	4.36E+04
1/20	2.78	-2.21E+03	2.20E+03	-2.18E+03	2.18E+03	-4.37E+04	4.35E+04
1/15	3.71	-2.94E+03	2.93E+03	-2.91E+03	2.90E+03	-4.37E+04	4.34E+04
1/10	5.57	-4.41E+03	4.40E+03	-4.37E+03	4.35E+03	-4.37E+04	4.35E+04

Table R-1379. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	1.41E-03	-45.9	45.9	-45.4	45.4	-2.72E+03	2.72E+03
1/20	4.22E-03	-138.	138.	-136.	136.	-2.72E+03	2.72E+03
1/15	5.63E-03	-183.	183.	-181.	181.	-2.72E+03	2.72E+03
1/10	8.45E-03	-275.	275.	-272.	272.	-2.72E+03	2.72E+03

TASK 2/DIFFRACTION/MODEL 5514

Table R-1380. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.261	-666.	662.	-666.	659.	-4.00E+04	3.96E+04
1/20	-5.81	-1.99E+03	1.99E+03	-1.99E+03	1.98E+03	-3.97E+04	3.98E+04
1/15	-11.1	-2.65E+03	2.66E+03	-2.65E+03	2.65E+03	-3.96E+04	3.99E+04
1/10	-26.7	-3.97E+03	4.00E+03	-3.97E+03	3.98E+03	-3.94E+04	4.01E+04

Table R-1381. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.261	-666.	662.	-666.	659.	-4.00E+04	3.96E+04
1/20	-5.81	-1.99E+03	1.99E+03	-1.99E+03	1.98E+03	-3.97E+04	3.98E+04
1/15	-11.1	-2.65E+03	2.66E+03	-2.65E+03	2.65E+03	-3.96E+04	3.99E+04
1/10	-26.7	-3.97E+03	4.00E+03	-3.97E+03	3.98E+03	-3.94E+04	4.01E+04

Table R-1382. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	38.3	-609.	718.	-611.	713.	-3.90E+04	4.05E+04
1/20	345.	-1.48E+03	2.48E+03	-1.47E+03	2.44E+03	-3.63E+04	4.20E+04
1/15	615.	-1.80E+03	3.54E+03	-1.77E+03	3.47E+03	-3.58E+04	4.28E+04
1/10	1.30E+03	-2.26E+03	6.17E+03	-2.23E+03	5.77E+03	-3.53E+04	4.47E+04

Table R–1383. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{dif}} \rangle$	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–1384. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{dif}} \rangle$	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

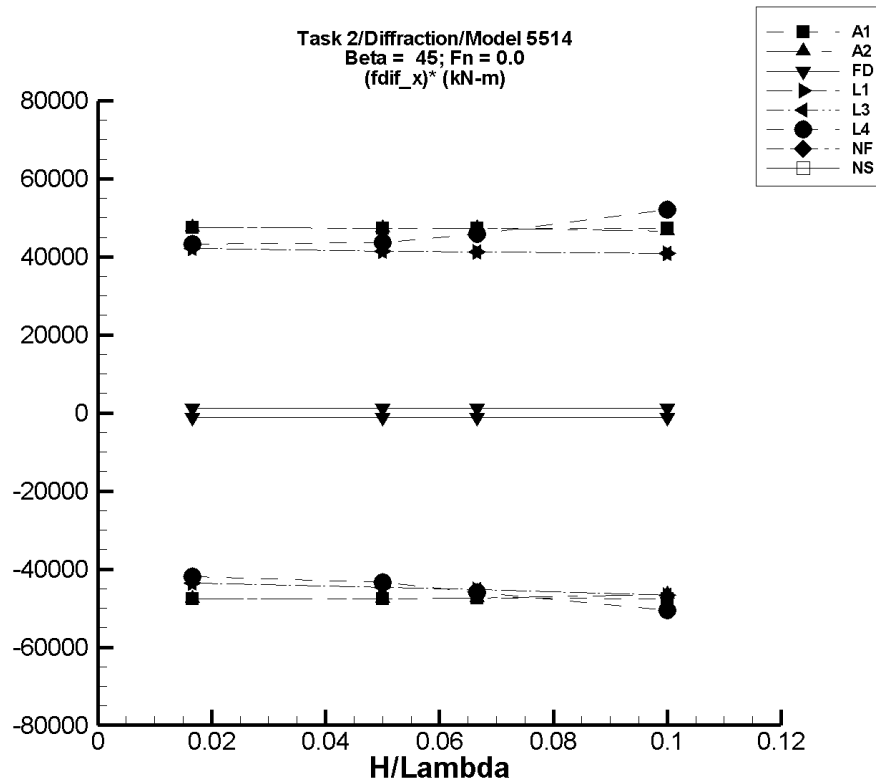


Figure R-174. Minimum and Maximum of $(F_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1385. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.588	-803.	801.	-794.	792.	-4.77E+04	4.75E+04
1/20	1.76	-2.40E+03	2.40E+03	-2.38E+03	2.37E+03	-4.76E+04	4.74E+04
1/15	2.34	-3.20E+03	3.19E+03	-3.16E+03	3.16E+03	-4.75E+04	4.73E+04
1/10	3.52	-4.80E+03	4.80E+03	-4.75E+03	4.74E+03	-4.76E+04	4.74E+04

Table R-1386. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.588	-803.	801.	-794.	792.	-4.77E+04	4.75E+04
1/20	1.76	-2.40E+03	2.40E+03	-2.38E+03	2.37E+03	-4.76E+04	4.74E+04
1/15	2.34	-3.20E+03	3.19E+03	-3.16E+03	3.16E+03	-4.75E+04	4.73E+04
1/10	51.1	-4.66E+03	4.68E+03	-4.61E+03	4.71E+03	-4.66E+04	4.66E+04

Table R-1387. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-5.75E-04	-20.4	20.5	-20.2	20.2	-1.21E+03	1.21E+03
1/20	-1.73E-03	-61.3	61.4	-60.7	60.7	-1.21E+03	1.21E+03
1/15	-2.30E-03	-81.8	81.8	-80.9	80.9	-1.21E+03	1.21E+03
1/10	-3.45E-03	-123.	123.	-121.	121.	-1.21E+03	1.21E+03

TASK 2/DIFFRACTION/MODEL 5514

Table R-1388. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.11	-730.	704.	-727.	701.	-4.35E+04	4.22E+04
1/20	-18.8	-2.26E+03	2.06E+03	-2.25E+03	2.05E+03	-4.47E+04	4.15E+04
1/15	-33.4	-3.07E+03	2.72E+03	-3.05E+03	2.71E+03	-4.53E+04	4.12E+04
1/10	-75.0	-4.76E+03	4.04E+03	-4.74E+03	4.02E+03	-4.66E+04	4.09E+04

Table R-1389. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.11	-730.	704.	-727.	701.	-4.35E+04	4.22E+04
1/20	-18.8	-2.26E+03	2.06E+03	-2.25E+03	2.05E+03	-4.47E+04	4.15E+04
1/15	-33.4	-3.07E+03	2.72E+03	-3.05E+03	2.71E+03	-4.53E+04	4.12E+04
1/10	-75.0	-4.76E+03	4.04E+03	-4.74E+03	4.02E+03	-4.66E+04	4.09E+04

Table R-1390. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	45.8	-658.	776.	-652.	768.	-4.19E+04	4.33E+04
1/20	417.	-1.77E+03	2.62E+03	-1.75E+03	2.59E+03	-4.34E+04	4.36E+04
1/15	726.	-2.34E+03	3.87E+03	-2.33E+03	3.78E+03	-4.59E+04	4.58E+04
1/10	1.46E+03	-3.72E+03	6.80E+03	-3.59E+03	6.68E+03	-5.05E+04	5.21E+04

Table R-1391. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1392. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

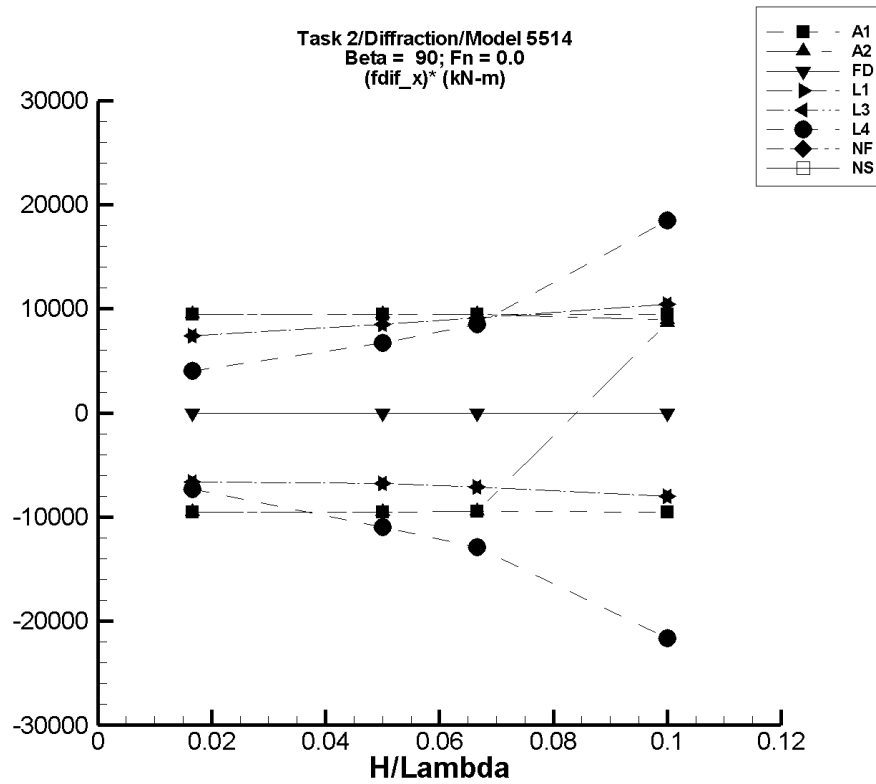


Figure R-175. Minimum and Maximum of $(F_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

Table R-1393. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.39	-163.	159.	-160.	157.	-9.52E+03	9.48E+03
1/20	-4.15	-488.	475.	-479.	469.	-9.49E+03	9.46E+03
1/15	-5.53	-650.	633.	-637.	624.	-9.48E+03	9.44E+03
1/10	-8.30	-977.	950.	-957.	937.	-9.49E+03	9.46E+03

Table R-1394. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.39	-163.	159.	-160.	157.	-9.52E+03	9.48E+03
1/20	-4.15	-488.	475.	-479.	469.	-9.49E+03	9.46E+03
1/15	-5.53	-650.	633.	-637.	624.	-9.48E+03	9.44E+03
1/10	-1.70E+03	-837.	-809.	-837.	-809.	8.65E+03	8.93E+03

Table R-1395. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	2.11E-10	-6.22E-06	6.22E-06	-6.15E-06	6.15E-06	-3.69E-04	3.69E-04
1/20	6.32E-10	-1.87E-05	1.87E-05	-1.84E-05	1.84E-05	-3.69E-04	3.69E-04
1/15	8.41E-10	-2.49E-05	2.49E-05	-2.46E-05	2.46E-05	-3.69E-04	3.69E-04
1/10	1.26E-09	-3.73E-05	3.73E-05	-3.69E-05	3.69E-05	-3.69E-04	3.69E-04

TASK 2/DIFFRACTION/MODEL 5514

Table R-1396. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{dif}} \rangle$	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-5.21	-116.	118.	-116.	118.	-6.63E+03	7.38E+03
1/20	-44.7	-384.	385.	-382.	382.	-6.74E+03	8.54E+03
1/15	-79.0	-555.	536.	-551.	531.	-7.09E+03	9.16E+03
1/10	-177.	-986.	875.	-979.	866.	-8.02E+03	1.04E+04

Table R-1397. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{dif}} \rangle$	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-5.21	-116.	118.	-116.	118.	-6.63E+03	7.38E+03
1/20	-44.7	-384.	385.	-382.	382.	-6.74E+03	8.54E+03
1/15	-79.0	-555.	536.	-551.	531.	-7.09E+03	9.16E+03
1/10	-177.	-986.	875.	-979.	866.	-8.02E+03	1.04E+04

Table R-1398. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{dif}} \rangle$	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	8.57	-127.	95.0	-113.	75.8	-7.30E+03	4.03E+03
1/20	33.4	-570.	407.	-516.	368.	-1.10E+04	6.70E+03
1/15	24.7	-943.	649.	-837.	591.	-1.29E+04	8.50E+03
1/10	-113.	-3.75E+03	1.83E+03	-2.28E+03	1.74E+03	-2.16E+04	1.85E+04

Table R-1399. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{dif}} \rangle$	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1400. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{dif}} \rangle$	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

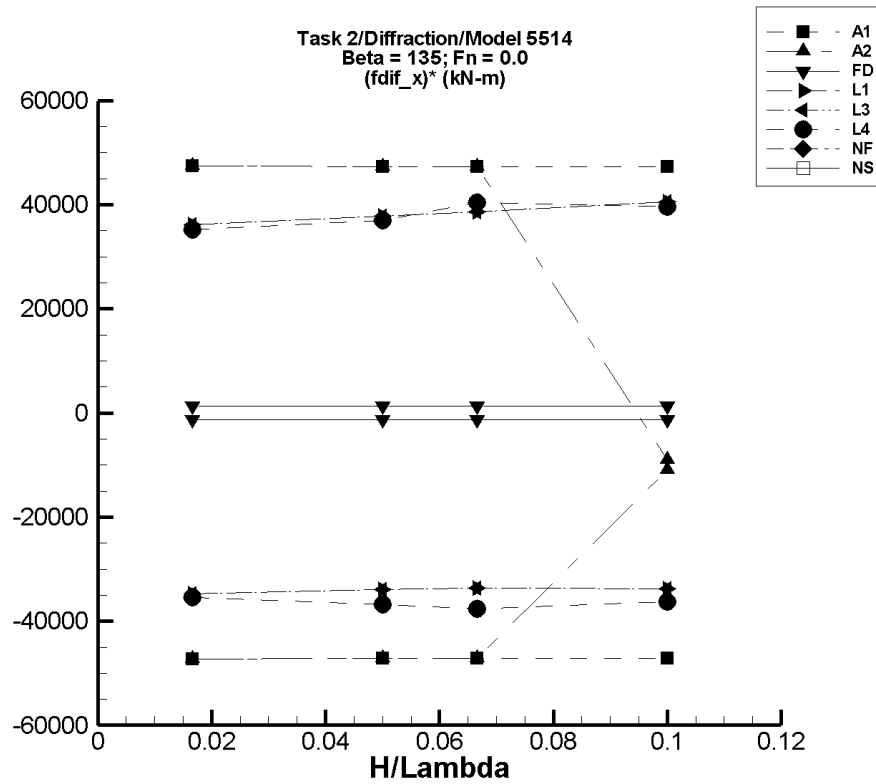


Figure R-176. Minimum and Maximum of $(F_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1401. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.04	-800.	800.	-791.	790.	-4.73E+04	4.75E+04
1/20	-6.10	-2.39E+03	2.39E+03	-2.36E+03	2.36E+03	-4.72E+04	4.74E+04
1/15	-8.12	-3.18E+03	3.19E+03	-3.15E+03	3.15E+03	-4.71E+04	4.73E+04
1/10	-12.2	-4.78E+03	4.79E+03	-4.73E+03	4.72E+03	-4.72E+04	4.74E+04

Table R-1402. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.04	-800.	800.	-791.	790.	-4.73E+04	4.75E+04
1/20	-6.10	-2.39E+03	2.39E+03	-2.36E+03	2.36E+03	-4.72E+04	4.74E+04
1/15	-8.12	-3.18E+03	3.19E+03	-3.15E+03	3.15E+03	-4.71E+04	4.73E+04
1/10	1.02E+03	-81.5	113.	-81.5	113.	-1.10E+04	-9.04E+03

Table R-1403. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	6.24E-04	-22.6	22.5	-22.3	22.3	-1.34E+03	1.34E+03
1/20	1.87E-03	-67.7	67.6	-67.0	66.9	-1.34E+03	1.34E+03
1/15	2.50E-03	-90.2	90.2	-89.3	89.2	-1.34E+03	1.34E+03
1/10	3.74E-03	-135.	135.	-134.	134.	-1.34E+03	1.34E+03

TASK 2/DIFFRACTION/MODEL 5514

Table R-1404. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	$(F_x^{\text{dif}})^*$ Max. (kN)
1/60	-1.22	-582.	605.	-580.	602.	-3.47E+04	3.62E+04
1/20	-9.54	-1.71E+03	1.89E+03	-1.70E+03	1.88E+03	-3.39E+04	3.78E+04
1/15	-16.6	-2.27E+03	2.58E+03	-2.26E+03	2.56E+03	-3.37E+04	3.87E+04
1/10	-36.7	-3.42E+03	4.04E+03	-3.41E+03	4.02E+03	-3.37E+04	4.05E+04

Table R-1405. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	$(F_x^{\text{dif}})^*$ Max. (kN)
1/60	-1.22	-582.	605.	-580.	602.	-3.47E+04	3.62E+04
1/20	-9.54	-1.71E+03	1.89E+03	-1.70E+03	1.88E+03	-3.39E+04	3.78E+04
1/15	-16.6	-2.27E+03	2.58E+03	-2.26E+03	2.56E+03	-3.37E+04	3.87E+04
1/10	-36.7	-3.42E+03	4.04E+03	-3.41E+03	4.02E+03	-3.37E+04	4.05E+04

Table R-1406. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	$(F_x^{\text{dif}})^*$ Max. (kN)
1/60	-21.6	-616.	570.	-612.	565.	-3.54E+04	3.52E+04
1/20	-239.	-2.09E+03	1.64E+03	-2.08E+03	1.61E+03	-3.68E+04	3.70E+04
1/15	-449.	-2.98E+03	2.32E+03	-2.96E+03	2.25E+03	-3.77E+04	4.05E+04
1/10	-889.	-4.54E+03	3.53E+03	-4.51E+03	3.07E+03	-3.62E+04	3.96E+04

Table R-1407. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{dif}} \rangle$	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1408. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{dif}} \rangle$	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

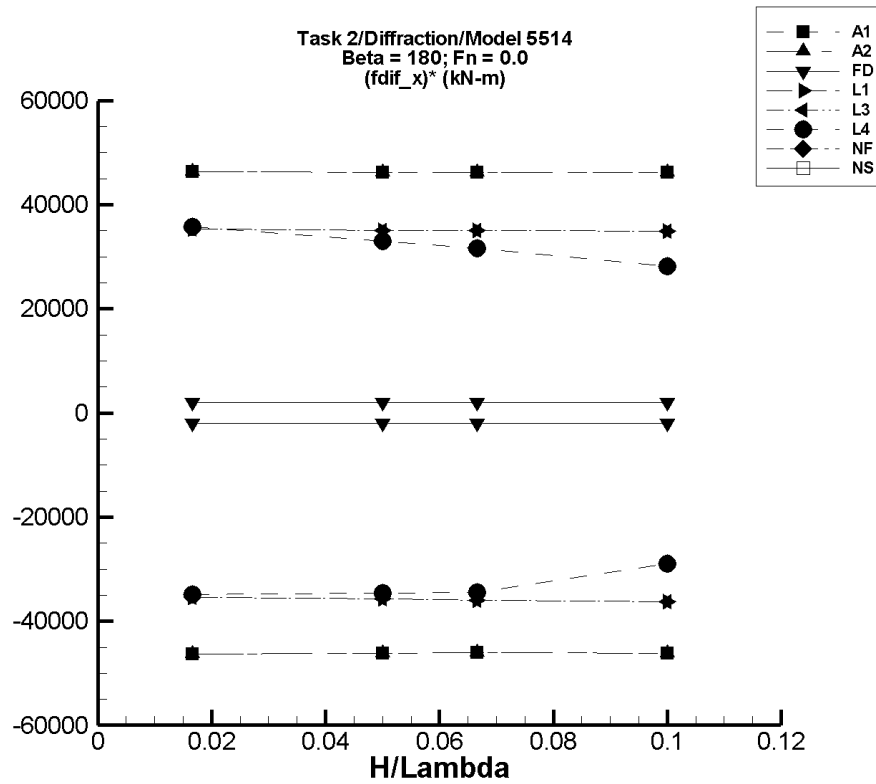


Figure R-177. Minimum and Maximum of $(F_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1409. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.57	-781.	782.	-772.	772.	-4.62E+04	4.64E+04
1/20	-4.70	-2.34E+03	2.34E+03	-2.31E+03	2.31E+03	-4.61E+04	4.63E+04
1/15	-6.25	-3.11E+03	3.12E+03	-3.08E+03	3.07E+03	-4.60E+04	4.62E+04
1/10	-9.39	-4.67E+03	4.68E+03	-4.62E+03	4.62E+03	-4.61E+04	4.63E+04

Table R-1410. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.57	-781.	782.	-772.	772.	-4.62E+04	4.64E+04
1/20	-4.70	-2.34E+03	2.34E+03	-2.31E+03	2.31E+03	-4.61E+04	4.63E+04
1/15	-6.25	-3.11E+03	3.12E+03	-3.08E+03	3.07E+03	-4.60E+04	4.62E+04
1/10	-9.39	-4.67E+03	4.68E+03	-4.62E+03	4.62E+03	-4.61E+04	4.63E+04

Table R-1411. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.16E-03	-33.8	33.8	-33.4	33.4	-2.00E+03	2.00E+03
1/20	-3.48E-03	-101.	101.	-100.	100.	-2.00E+03	2.00E+03
1/15	-4.65E-03	-135.	135.	-134.	134.	-2.00E+03	2.00E+03
1/10	-6.95E-03	-203.	203.	-200.	200.	-2.00E+03	2.00E+03

TASK 2/DIFFRACTION/MODEL 5514

Table R-1412. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	7.01	-586.	598.	-583.	596.	-3.54E+04	3.53E+04
1/20	64.8	-1.73E+03	1.83E+03	-1.72E+03	1.82E+03	-3.57E+04	3.51E+04
1/15	116.	-2.29E+03	2.46E+03	-2.28E+03	2.45E+03	-3.59E+04	3.50E+04
1/10	261.	-3.38E+03	3.76E+03	-3.37E+03	3.75E+03	-3.63E+04	3.49E+04

Table R-1413. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	7.01	-586.	598.	-583.	596.	-3.54E+04	3.53E+04
1/20	64.8	-1.73E+03	1.83E+03	-1.72E+03	1.82E+03	-3.57E+04	3.51E+04
1/15	116.	-2.29E+03	2.46E+03	-2.28E+03	2.45E+03	-3.59E+04	3.50E+04
1/10	261.	-3.38E+03	3.76E+03	-3.37E+03	3.75E+03	-3.63E+04	3.49E+04

Table R-1414. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-19.5	-605.	580.	-601.	577.	-3.49E+04	3.58E+04
1/20	-198.	-1.96E+03	1.50E+03	-1.93E+03	1.45E+03	-3.46E+04	3.29E+04
1/15	-357.	-2.69E+03	1.77E+03	-2.66E+03	1.75E+03	-3.45E+04	3.16E+04
1/10	-565.	-3.55E+03	3.40E+03	-3.46E+03	2.26E+03	-2.90E+04	2.82E+04

Table R-1415. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{dif}} \rangle$	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1416. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{dif}} \rangle$	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

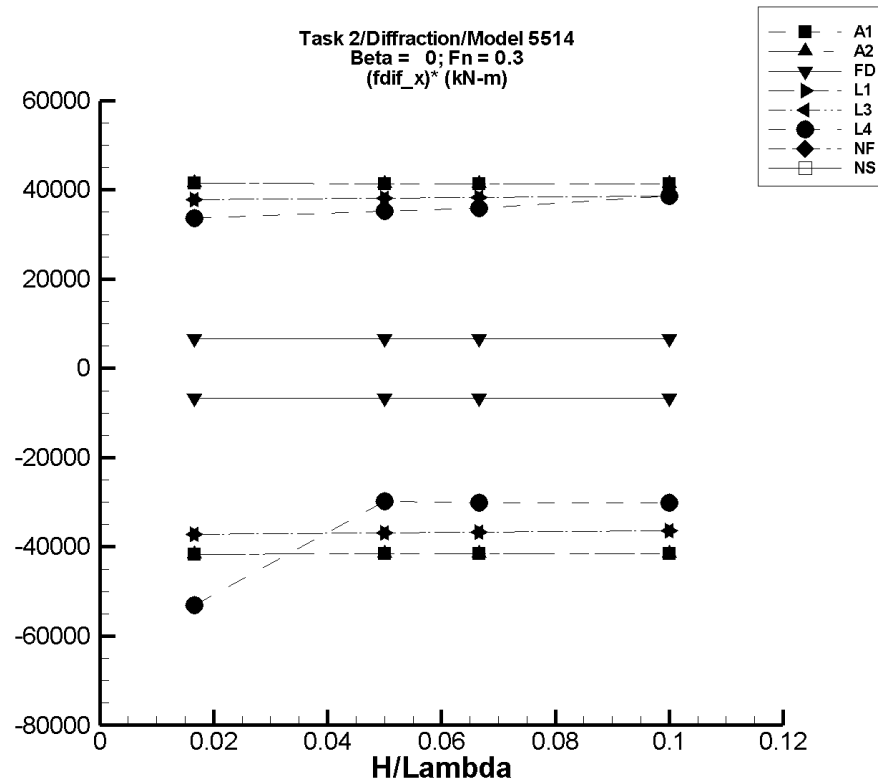


Figure R-178. Minimum and Maximum of $(F_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1417. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.167	-700.	692.	-696.	692.	-4.17E+04	4.15E+04
1/20	-0.500	-2.09E+03	2.07E+03	-2.08E+03	2.07E+03	-4.16E+04	4.14E+04
1/15	-0.666	-2.79E+03	2.76E+03	-2.77E+03	2.76E+03	-4.15E+04	4.13E+04
1/10	-1.00	-4.19E+03	4.14E+03	-4.16E+03	4.14E+03	-4.16E+04	4.14E+04

Table R-1418. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.167	-700.	692.	-696.	692.	-4.17E+04	4.15E+04
1/20	-0.500	-2.09E+03	2.07E+03	-2.08E+03	2.07E+03	-4.16E+04	4.14E+04
1/15	-0.666	-2.79E+03	2.76E+03	-2.77E+03	2.76E+03	-4.15E+04	4.13E+04
1/10	-1.00	-4.19E+03	4.14E+03	-4.16E+03	4.14E+03	-4.16E+04	4.14E+04

Table R-1419. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.247	-112.	112.	-112.	112.	-6.72E+03	6.69E+03
1/20	0.742	-335.	335.	-335.	335.	-6.72E+03	6.69E+03
1/15	0.989	-447.	447.	-447.	447.	-6.72E+03	6.69E+03
1/10	1.48	-671.	671.	-670.	670.	-6.72E+03	6.69E+03

TASK 2/DIFFRACTION/MODEL 5514

Table R-1420. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	$(F_x^{\text{dif}})^*$ Max. (kN)
1/60	-320.	-941.	309.	-941.	309.	-3.73E+04	3.77E+04
1/20	-217.	-2.06E+03	1.69E+03	-2.06E+03	1.69E+03	-3.69E+04	3.81E+04
1/15	-126.	-2.58E+03	2.42E+03	-2.58E+03	2.42E+03	-3.68E+04	3.82E+04
1/10	134.	-3.51E+03	3.99E+03	-3.51E+03	3.99E+03	-3.64E+04	3.86E+04

Table R-1421. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	$(F_x^{\text{dif}})^*$ Max. (kN)
1/60	-320.	-941.	309.	-941.	309.	-3.73E+04	3.77E+04
1/20	-217.	-2.06E+03	1.69E+03	-2.06E+03	1.69E+03	-3.69E+04	3.81E+04
1/15	-126.	-2.58E+03	2.42E+03	-2.58E+03	2.42E+03	-3.68E+04	3.82E+04
1/10	135.	-3.51E+03	3.99E+03	-3.51E+03	3.99E+03	-3.64E+04	3.86E+04

Table R-1422. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	$(F_x^{\text{dif}})^*$ Max. (kN)
1/60	-324.	-1.23E+03	345.	-1.21E+03	236.	-5.32E+04	3.36E+04
1/20	-314.	-1.95E+03	1.55E+03	-1.81E+03	1.45E+03	-2.99E+04	3.53E+04
1/15	-288.	-2.53E+03	2.24E+03	-2.29E+03	2.10E+03	-3.01E+04	3.58E+04
1/10	82.7	-3.60E+03	4.07E+03	-2.93E+03	3.94E+03	-3.01E+04	3.86E+04

Table R-1423. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{dif}} \rangle$	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1424. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{dif}} \rangle$	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

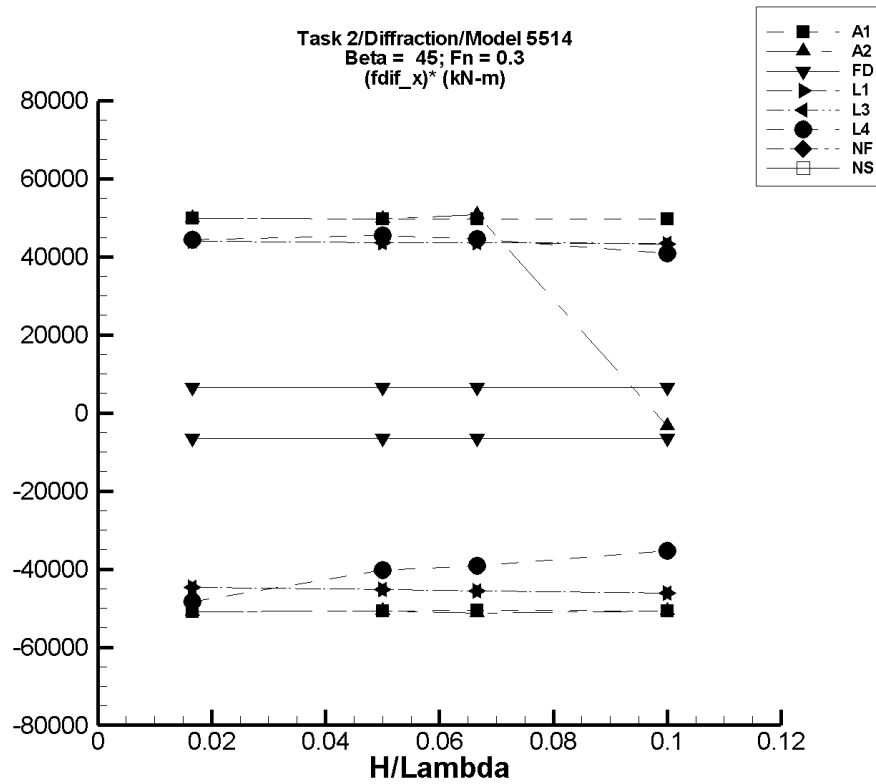


Figure R-179. Minimum and Maximum of $(F_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1425. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	5.18	-845.	838.	-842.	835.	-5.08E+04	4.98E+04
1/20	15.5	-2.53E+03	2.51E+03	-2.52E+03	2.50E+03	-5.07E+04	4.97E+04
1/15	20.7	-3.36E+03	3.34E+03	-3.35E+03	3.33E+03	-5.06E+04	4.96E+04
1/10	31.0	-5.05E+03	5.01E+03	-5.04E+03	5.00E+03	-5.07E+04	4.97E+04

Table R-1426. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	5.18	-845.	838.	-842.	835.	-5.08E+04	4.98E+04
1/20	15.5	-2.53E+03	2.51E+03	-2.52E+03	2.50E+03	-5.07E+04	4.97E+04
1/15	-11.3	-3.43E+03	3.39E+03	-3.42E+03	3.38E+03	-5.12E+04	5.08E+04
1/10	4.50E+03	-586.	4.12E+03	-572.	4.16E+03	-5.07E+04	-3.33E+03

Table R-1427. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.128	-110.	110.	-110.	110.	-6.57E+03	6.58E+03
1/20	-0.385	-330.	330.	-329.	329.	-6.57E+03	6.58E+03
1/15	-0.514	-440.	440.	-438.	438.	-6.57E+03	6.58E+03
1/10	-0.771	-659.	659.	-658.	658.	-6.57E+03	6.58E+03

TASK 2/DIFFRACTION/MODEL 5514

Table R-1428. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	$(F_x^{\text{dif}})^*$ Max. (kN)
1/60	-327.	-1.07E+03	408.	-1.07E+03	407.	-4.46E+04	4.40E+04
1/20	-285.	-2.55E+03	1.90E+03	-2.54E+03	1.90E+03	-4.52E+04	4.37E+04
1/15	-248.	-3.28E+03	2.66E+03	-3.28E+03	2.66E+03	-4.55E+04	4.35E+04
1/10	-143.	-4.77E+03	4.20E+03	-4.76E+03	4.19E+03	-4.62E+04	4.33E+04

Table R-1429. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	$(F_x^{\text{dif}})^*$ Max. (kN)
1/60	-327.	-1.07E+03	408.	-1.07E+03	407.	-4.46E+04	4.40E+04
1/20	-285.	-2.55E+03	1.90E+03	-2.54E+03	1.90E+03	-4.52E+04	4.37E+04
1/15	-248.	-3.28E+03	2.66E+03	-3.28E+03	2.66E+03	-4.55E+04	4.35E+04
1/10	-143.	-4.77E+03	4.20E+03	-4.76E+03	4.19E+03	-4.62E+04	4.33E+04

Table R-1430. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	$(F_x^{\text{dif}})^*$ Max. (kN)
1/60	-331.	-1.15E+03	413.	-1.14E+03	410.	-4.84E+04	4.44E+04
1/20	-251.	-2.31E+03	2.03E+03	-2.26E+03	2.02E+03	-4.02E+04	4.54E+04
1/15	-144.	-2.90E+03	2.85E+03	-2.75E+03	2.83E+03	-3.91E+04	4.46E+04
1/10	285.	-3.49E+03	4.45E+03	-3.24E+03	4.38E+03	-3.52E+04	4.10E+04

Table R-1431. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{dif}} \rangle$	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1432. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{dif}} \rangle$	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

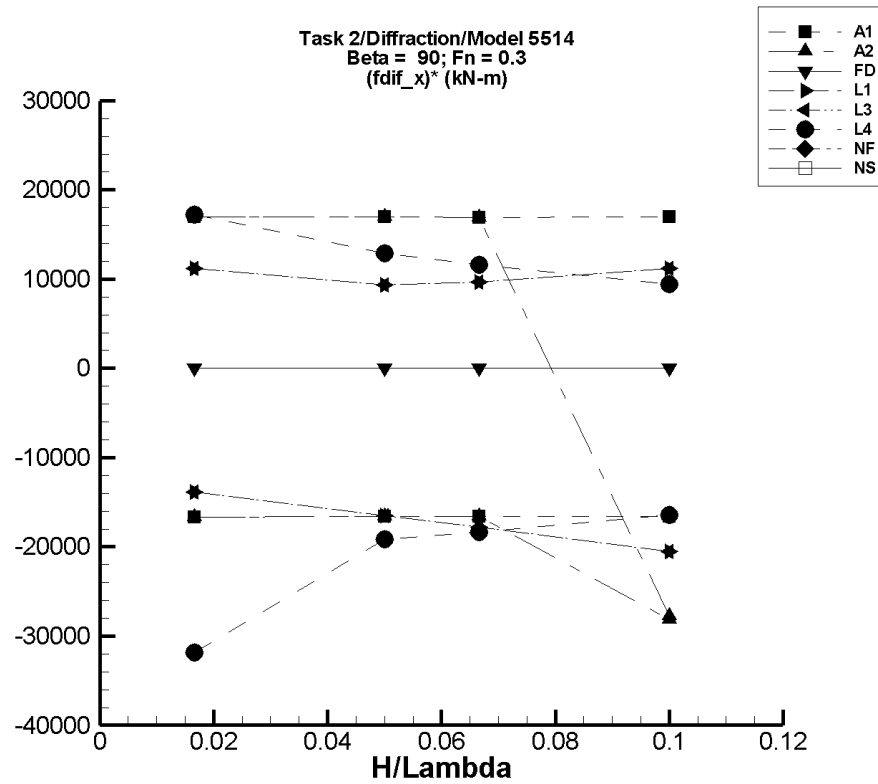


Figure R-180. Minimum and Maximum of $(F_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1433. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.572	-282.	287.	-277.	284.	-1.66E+04	1.70E+04
1/20	1.71	-843.	859.	-828.	850.	-1.66E+04	1.70E+04
1/15	2.28	-1.12E+03	1.14E+03	-1.10E+03	1.13E+03	-1.66E+04	1.69E+04
1/10	3.42	-1.69E+03	1.72E+03	-1.66E+03	1.70E+03	-1.66E+04	1.70E+04

Table R-1434. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.572	-282.	287.	-277.	284.	-1.66E+04	1.70E+04
1/20	1.71	-843.	859.	-828.	850.	-1.66E+04	1.70E+04
1/15	2.28	-1.12E+03	1.14E+03	-1.10E+03	1.13E+03	-1.66E+04	1.69E+04
1/10	1.09E+03	-1.73E+03	-1.69E+03	-1.73E+03	-1.69E+03	-2.82E+04	-2.77E+04

Table R-1435. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	1.84E-10	-8.14E-06	8.14E-06	-8.04E-06	8.05E-06	-4.83E-04	4.83E-04
1/20	5.55E-10	-2.44E-05	2.44E-05	-2.41E-05	2.41E-05	-4.83E-04	4.83E-04
1/15	7.38E-10	-3.26E-05	3.26E-05	-3.22E-05	3.22E-05	-4.83E-04	4.83E-04
1/10	1.11E-09	-4.88E-05	4.88E-05	-4.83E-05	4.83E-05	-4.83E-04	4.83E-04

TASK 2/DIFFRACTION/MODEL 5514

Table R-1436. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	F_x^{dif} Max. (kN)	Filtered $(F_x^{\text{dif}})^*$ Min. (kN)	Max. (kN)
1/60	-333.	-565.	-146.	-564.	-146.	-1.39E+04	1.12E+04
1/20	-343.	-1.17E+03	129.	-1.17E+03	127.	-1.65E+04	9.39E+03
1/15	-351.	-1.55E+03	297.	-1.54E+03	293.	-1.78E+04	9.65E+03
1/10	-373.	-2.44E+03	759.	-2.42E+03	747.	-2.05E+04	1.12E+04

Table R-1437. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	F_x^{dif} Max. (kN)	Filtered $(F_x^{\text{dif}})^*$ Min. (kN)	Max. (kN)
1/60	-333.	-565.	-146.	-564.	-147.	-1.38E+04	1.12E+04
1/20	-343.	-1.17E+03	128.	-1.17E+03	127.	-1.65E+04	9.39E+03
1/15	-351.	-1.55E+03	297.	-1.54E+03	293.	-1.78E+04	9.65E+03
1/10	-374.	-2.44E+03	759.	-2.42E+03	747.	-2.05E+04	1.12E+04

Table R-1438. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	F_x^{dif} Max. (kN)	Filtered $(F_x^{\text{dif}})^*$ Min. (kN)	Max. (kN)
1/60	-359.	-900.	-59.1	-890.	-72.7	-3.18E+04	1.72E+04
1/20	-581.	-1.58E+03	134.	-1.54E+03	62.5	-1.91E+04	1.29E+04
1/15	-692.	-1.94E+03	215.	-1.92E+03	79.6	-1.84E+04	1.16E+04
1/10	-654.	-2.67E+03	466.	-2.30E+03	286.	-1.64E+04	9.40E+03

Table R-1439. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1440. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

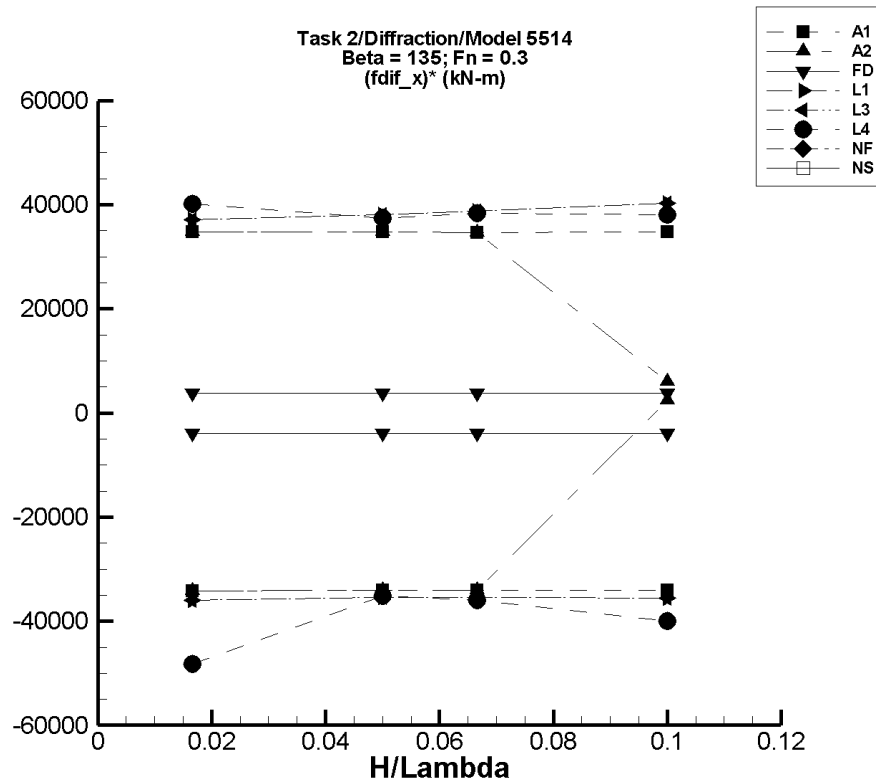


Figure R-181. Minimum and Maximum of $(F_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1441. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.84	-587.	591.	-572.	578.	-3.42E+04	3.48E+04
1/20	-8.51	-1.76E+03	1.77E+03	-1.71E+03	1.73E+03	-3.41E+04	3.47E+04
1/15	-11.3	-2.34E+03	2.35E+03	-2.28E+03	2.30E+03	-3.40E+04	3.47E+04
1/10	-17.0	-3.51E+03	3.54E+03	-3.42E+03	3.46E+03	-3.41E+04	3.47E+04

Table R-1442. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.84	-587.	591.	-572.	578.	-3.42E+04	3.48E+04
1/20	-8.51	-1.76E+03	1.77E+03	-1.71E+03	1.73E+03	-3.41E+04	3.47E+04
1/15	-11.3	-2.34E+03	2.35E+03	-2.28E+03	2.30E+03	-3.40E+04	3.47E+04
1/10	-1.01E+03	-759.	-411.	-759.	-411.	2.50E+03	5.98E+03

Table R-1443. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	4.62E-02	-66.2	66.3	-64.5	64.6	-3.87E+03	3.87E+03
1/20	0.139	-199.	199.	-194.	194.	-3.87E+03	3.87E+03
1/15	0.185	-265.	265.	-258.	258.	-3.87E+03	3.87E+03
1/10	0.277	-397.	398.	-387.	387.	-3.87E+03	3.87E+03

TASK 2/DIFFRACTION/MODEL 5514

Table R-1444. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	$(F_x^{\text{dif}})^*$ Max. (kN)
1/60	-326.	-930.	296.	-924.	294.	-3.59E+04	3.72E+04
1/20	-277.	-2.07E+03	1.65E+03	-2.05E+03	1.63E+03	-3.55E+04	3.81E+04
1/15	-234.	-2.61E+03	2.38E+03	-2.59E+03	2.35E+03	-3.54E+04	3.88E+04
1/10	-110.	-3.70E+03	3.96E+03	-3.67E+03	3.91E+03	-3.56E+04	4.02E+04

Table R-1445. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	$(F_x^{\text{dif}})^*$ Max. (kN)
1/60	-326.	-930.	296.	-925.	294.	-3.59E+04	3.72E+04
1/20	-277.	-2.07E+03	1.65E+03	-2.05E+03	1.63E+03	-3.55E+04	3.81E+04
1/15	-234.	-2.61E+03	2.38E+03	-2.59E+03	2.35E+03	-3.54E+04	3.88E+04
1/10	-110.	-3.70E+03	3.96E+03	-3.67E+03	3.91E+03	-3.56E+04	4.02E+04

Table R-1446. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	F_x^{dif} Max. (kN)	Filtered Min. (kN)	$(F_x^{\text{dif}})^*$ Max. (kN)
1/60	-384.	-1.24E+03	308.	-1.19E+03	285.	-4.82E+04	4.01E+04
1/20	-686.	-2.45E+03	1.25E+03	-2.44E+03	1.19E+03	-3.51E+04	3.75E+04
1/15	-867.	-3.30E+03	1.78E+03	-3.27E+03	1.69E+03	-3.60E+04	3.84E+04
1/10	-961.	-5.14E+03	3.43E+03	-4.96E+03	2.84E+03	-4.00E+04	3.80E+04

Table R-1447. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{dif}} \rangle$	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1448. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{dif}} \rangle$	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

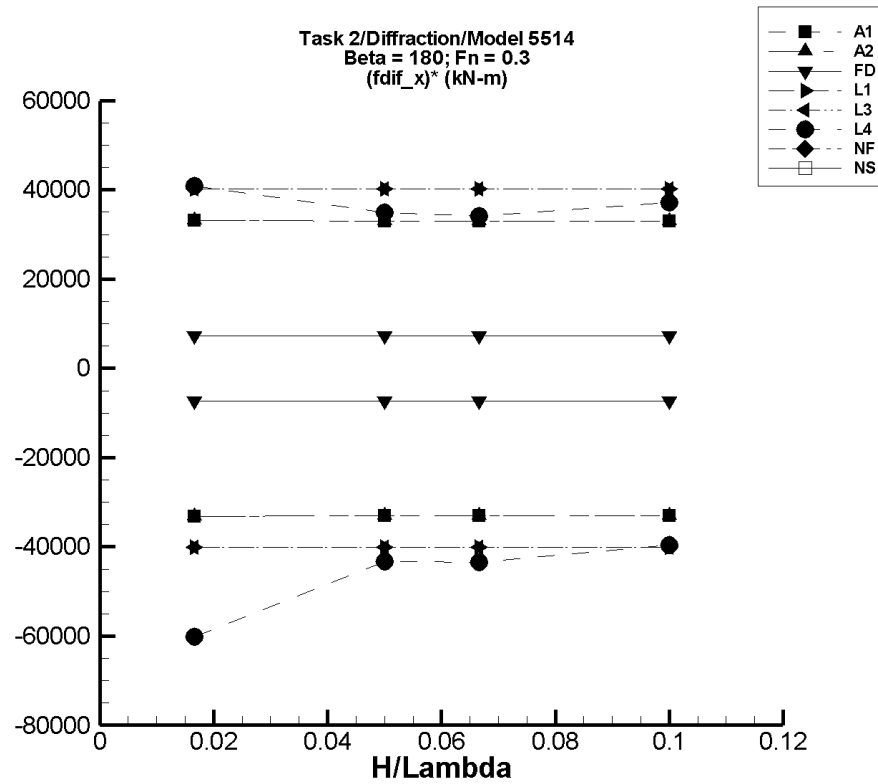


Figure R-182. Minimum and Maximum of $(F_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1449. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	3.79	-572.	575.	-549.	556.	-3.31E+04	3.31E+04
1/20	11.3	-1.71E+03	1.72E+03	-1.64E+03	1.66E+03	-3.30E+04	3.30E+04
1/15	15.1	-2.28E+03	2.29E+03	-2.18E+03	2.22E+03	-3.30E+04	3.30E+04
1/10	22.7	-3.42E+03	3.44E+03	-3.28E+03	3.33E+03	-3.30E+04	3.30E+04

Table R-1450. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	3.79	-572.	575.	-549.	556.	-3.31E+04	3.31E+04
1/20	11.3	-1.71E+03	1.72E+03	-1.64E+03	1.66E+03	-3.30E+04	3.30E+04
1/15	15.1	-2.28E+03	2.29E+03	-2.18E+03	2.22E+03	-3.30E+04	3.30E+04
1/10	22.7	-3.42E+03	3.44E+03	-3.28E+03	3.33E+03	-3.30E+04	3.30E+04

Table R-1451. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.401	-126.	126.	-122.	122.	-7.31E+03	7.34E+03
1/20	-1.20	-378.	379.	-367.	366.	-7.31E+03	7.34E+03
1/15	-1.60	-505.	505.	-489.	488.	-7.31E+03	7.34E+03
1/10	-2.40	-757.	757.	-733.	732.	-7.31E+03	7.34E+03

TASK 2/DIFFRACTION/MODEL 5514

Table R-1452. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-317.	-994.	360.	-987.	352.	-4.02E+04	4.02E+04
1/20	-205.	-2.23E+03	1.83E+03	-2.21E+03	1.81E+03	-4.01E+04	4.02E+04
1/15	-106.	-2.81E+03	2.61E+03	-2.78E+03	2.58E+03	-4.01E+04	4.02E+04
1/10	176.	-3.87E+03	4.26E+03	-3.83E+03	4.21E+03	-4.00E+04	4.03E+04

Table R-1453. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-317.	-994.	360.	-987.	352.	-4.02E+04	4.02E+04
1/20	-205.	-2.23E+03	1.83E+03	-2.21E+03	1.81E+03	-4.01E+04	4.02E+04
1/15	-106.	-2.81E+03	2.61E+03	-2.78E+03	2.58E+03	-4.01E+04	4.02E+04
1/10	176.	-3.87E+03	4.26E+03	-3.83E+03	4.21E+03	-4.00E+04	4.03E+04

Table R-1454. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_x^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-393.	-1.44E+03	321.	-1.39E+03	288.	-6.01E+04	4.09E+04
1/20	-645.	-2.96E+03	1.19E+03	-2.81E+03	1.10E+03	-4.33E+04	3.50E+04
1/15	-799.	-3.93E+03	1.52E+03	-3.69E+03	1.47E+03	-4.34E+04	3.41E+04
1/10	-185.	-4.40E+03	4.62E+03	-4.15E+03	3.53E+03	-3.97E+04	3.71E+04

Table R-1455. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_x^{\text{dif}} \rangle$	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1456. Minimum and Maximum of F_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_x^{\text{dif}} \rangle$	Unfiltered F_x^{dif}		Filtered F_x^{dif}		Filtered $(F_x^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

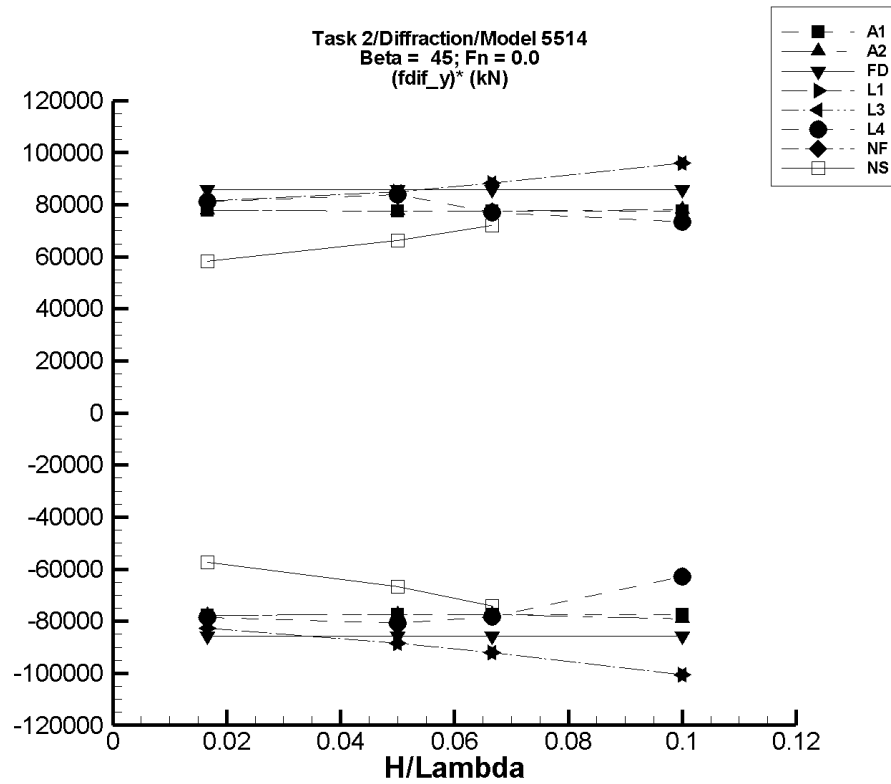


Figure R-183. Minimum and Maximum of $(F_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

Table R-1457. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.57	-1.31E+03	1.31E+03	-1.30E+03	1.30E+03	-7.77E+04	7.78E+04
1/20	-4.69	-3.92E+03	3.92E+03	-3.88E+03	3.88E+03	-7.74E+04	7.76E+04
1/15	-6.24	-5.22E+03	5.22E+03	-5.16E+03	5.16E+03	-7.73E+04	7.75E+04
1/10	-9.38	-7.84E+03	7.85E+03	-7.75E+03	7.75E+03	-7.74E+04	7.76E+04

Table R-1458. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.57	-1.31E+03	1.31E+03	-1.30E+03	1.30E+03	-7.77E+04	7.78E+04
1/20	-4.69	-3.92E+03	3.92E+03	-3.88E+03	3.88E+03	-7.74E+04	7.76E+04
1/15	-6.24	-5.22E+03	5.22E+03	-5.16E+03	5.16E+03	-7.73E+04	7.75E+04
1/10	-18.8	-8.03E+03	7.91E+03	-7.93E+03	7.80E+03	-7.92E+04	7.82E+04

Table R-1459. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-4.83E-02	-1.44E+03	1.44E+03	-1.43E+03	1.43E+03	-8.57E+04	8.57E+04
1/20	-0.144	-4.33E+03	4.33E+03	-4.29E+03	4.28E+03	-8.57E+04	8.57E+04
1/15	-0.193	-5.78E+03	5.78E+03	-5.71E+03	5.71E+03	-8.57E+04	8.57E+04
1/10	-0.289	-8.67E+03	8.66E+03	-8.57E+03	8.57E+03	-8.57E+04	8.57E+04

Table R-1460. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-138.	-1.52E+03	1.22E+03	-1.52E+03	1.22E+03	-8.27E+04	8.14E+04
1/20	-1.25E+03	-5.69E+03	3.03E+03	-5.66E+03	3.01E+03	-8.83E+04	8.50E+04
1/15	-2.21E+03	-8.39E+03	3.70E+03	-8.35E+03	3.67E+03	-9.21E+04	8.82E+04
1/10	-4.98E+03	-1.51E+04	4.68E+03	-1.50E+04	4.61E+03	-1.01E+05	9.59E+04

Table R-1461. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-138.	-1.52E+03	1.22E+03	-1.52E+03	1.22E+03	-8.27E+04	8.14E+04
1/20	-1.25E+03	-5.69E+03	3.03E+03	-5.66E+03	3.01E+03	-8.83E+04	8.50E+04
1/15	-2.21E+03	-8.39E+03	3.70E+03	-8.35E+03	3.67E+03	-9.21E+04	8.82E+04
1/10	-4.98E+03	-1.51E+04	4.68E+03	-1.50E+04	4.61E+03	-1.01E+05	9.59E+04

Table R-1462. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	98.4	-1.27E+03	1.50E+03	-1.21E+03	1.45E+03	-7.87E+04	8.11E+04
1/20	811.	-3.46E+03	5.45E+03	-3.23E+03	5.00E+03	-8.08E+04	8.38E+04
1/15	1.52E+03	-3.82E+03	7.45E+03	-3.70E+03	6.65E+03	-7.83E+04	7.69E+04
1/10	4.29E+03	-1.93E+04	1.69E+04	-2.00E+03	1.16E+04	-6.28E+04	7.33E+04

Table R-1463. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1464. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	149.	-821.	1.13E+03	-809.	1.12E+03	-5.75E+04	5.84E+04
1/20	1.25E+03	-2.12E+03	4.63E+03	-2.08E+03	4.56E+03	-6.66E+04	6.63E+04
1/15	2.29E+03	-2.76E+03	7.15E+03	-2.66E+03	7.10E+03	-7.43E+04	7.21E+04
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

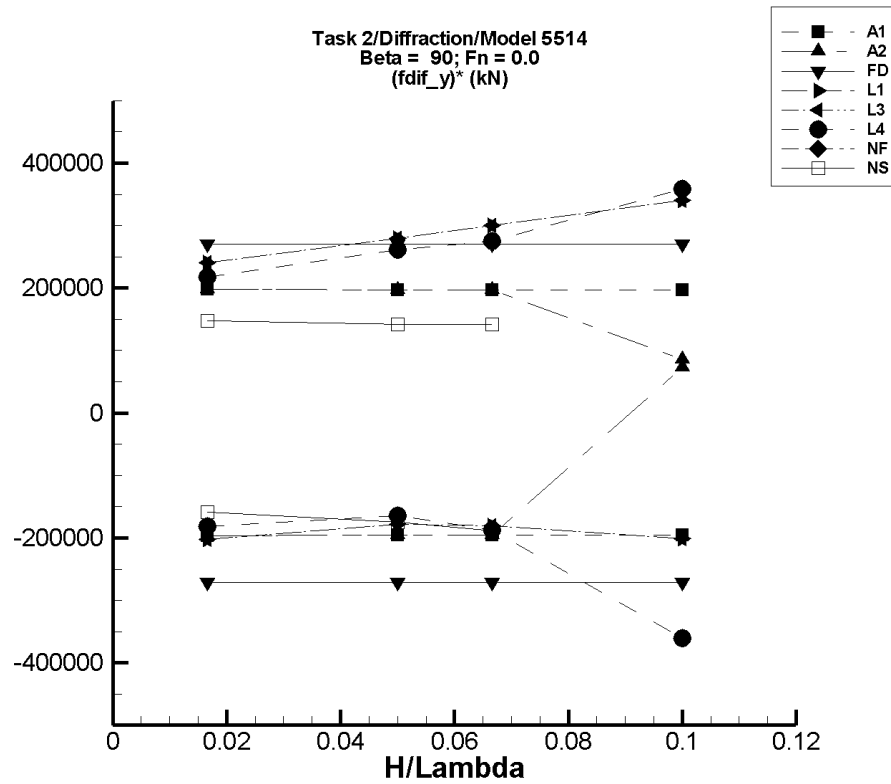


Figure R-184. Minimum and Maximum of $(F_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

Table R-1465. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.38	-3.32E+03	3.34E+03	-3.28E+03	3.29E+03	-1.97E+05	1.98E+05
1/20	-7.13	-9.92E+03	9.98E+03	-9.81E+03	9.85E+03	-1.96E+05	1.97E+05
1/15	-9.49	-1.32E+04	1.33E+04	-1.31E+04	1.31E+04	-1.96E+05	1.97E+05
1/10	-14.3	-1.98E+04	2.00E+04	-1.96E+04	1.97E+04	-1.96E+05	1.97E+05

Table R-1466. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.38	-3.32E+03	3.34E+03	-3.28E+03	3.29E+03	-1.97E+05	1.98E+05
1/20	-7.13	-9.92E+03	9.98E+03	-9.81E+03	9.85E+03	-1.96E+05	1.97E+05
1/15	-9.49	-1.32E+04	1.33E+04	-1.31E+04	1.31E+04	-1.96E+05	1.97E+05
1/10	-815.	6.45E+03	7.76E+03	6.45E+03	7.76E+03	7.26E+04	8.57E+04

Table R-1467. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-7.57E-02	-4.56E+03	4.56E+03	-4.51E+03	4.51E+03	-2.71E+05	2.71E+05
1/20	-0.227	-1.37E+04	1.37E+04	-1.35E+04	1.35E+04	-2.71E+05	2.71E+05
1/15	-0.302	-1.82E+04	1.83E+04	-1.80E+04	1.81E+04	-2.71E+05	2.71E+05
1/10	-0.454	-2.74E+04	2.74E+04	-2.71E+04	2.71E+04	-2.71E+05	2.71E+05

Table R-1468. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-300.	-3.67E+03	3.72E+03	-3.66E+03	3.70E+03	-2.02E+05	2.40E+05
1/20	-2.69E+03	-1.16E+04	1.14E+04	-1.16E+04	1.13E+04	-1.78E+05	2.80E+05
1/15	-4.79E+03	-1.69E+04	1.54E+04	-1.68E+04	1.52E+04	-1.80E+05	3.00E+05
1/10	-1.08E+04	-3.11E+04	2.36E+04	-3.09E+04	2.33E+04	-2.01E+05	3.41E+05

Table R-1469. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-300.	-3.67E+03	3.72E+03	-3.66E+03	3.70E+03	-2.02E+05	2.40E+05
1/20	-2.69E+03	-1.16E+04	1.14E+04	-1.16E+04	1.13E+04	-1.78E+05	2.80E+05
1/15	-4.79E+03	-1.69E+04	1.54E+04	-1.68E+04	1.52E+04	-1.80E+05	3.00E+05
1/10	-1.08E+04	-3.11E+04	2.36E+04	-3.09E+04	2.33E+04	-2.01E+05	3.41E+05

Table R-1470. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	179.	-3.05E+03	4.07E+03	-2.85E+03	3.81E+03	-1.82E+05	2.18E+05
1/20	1.93E+03	-6.68E+03	1.54E+04	-6.29E+03	1.50E+04	-1.64E+05	2.61E+05
1/15	3.65E+03	-9.68E+03	2.35E+04	-8.83E+03	2.20E+04	-1.87E+05	2.75E+05
1/10	9.51E+03	-1.02E+05	4.85E+04	-2.65E+04	4.53E+04	-3.60E+05	3.58E+05

Table R-1471. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1472. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	228.	-2.45E+03	2.73E+03	-2.41E+03	2.70E+03	-1.58E+05	1.48E+05
1/20	1.89E+03	-7.08E+03	9.08E+03	-6.87E+03	8.97E+03	-1.75E+05	1.42E+05
1/15	3.43E+03	-9.34E+03	1.30E+04	-9.13E+03	1.29E+04	-1.88E+05	1.41E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

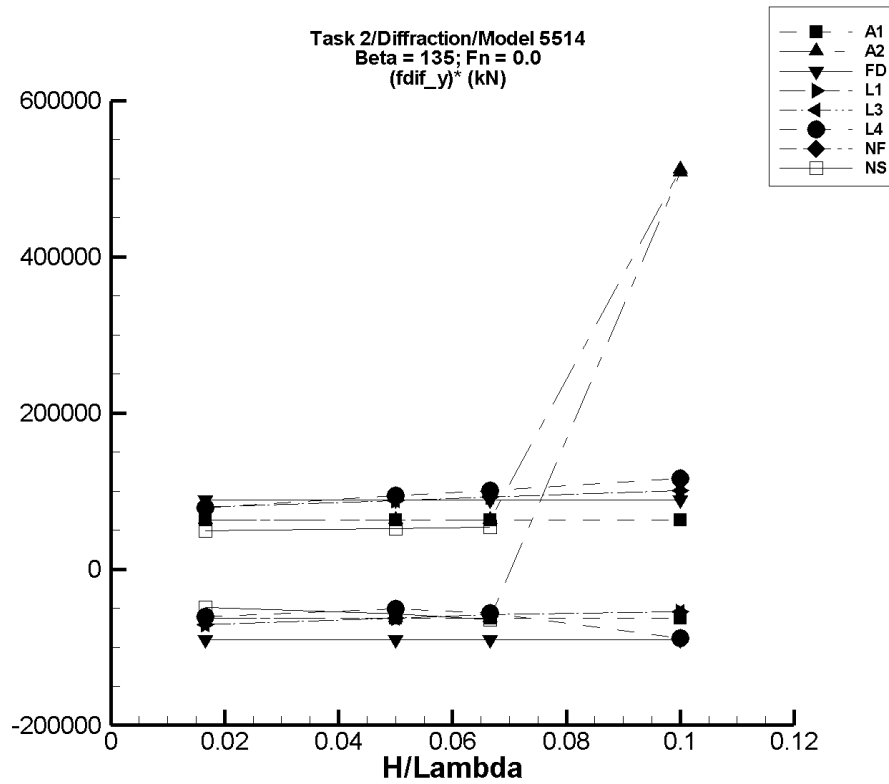


Figure R-185. Minimum and Maximum of $(F_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

Table R-1473. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.10	-1.06E+03	1.06E+03	-1.05E+03	1.05E+03	-6.27E+04	6.28E+04
1/20	-3.29	-3.17E+03	3.16E+03	-3.13E+03	3.13E+03	-6.25E+04	6.26E+04
1/15	-4.37	-4.21E+03	4.21E+03	-4.17E+03	4.17E+03	-6.25E+04	6.26E+04
1/10	-6.57	-6.33E+03	6.32E+03	-6.26E+03	6.26E+03	-6.25E+04	6.26E+04

Table R-1474. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.10	-1.06E+03	1.06E+03	-1.05E+03	1.05E+03	-6.27E+04	6.28E+04
1/20	-3.29	-3.17E+03	3.16E+03	-3.13E+03	3.13E+03	-6.25E+04	6.26E+04
1/15	-4.37	-4.21E+03	4.21E+03	-4.17E+03	4.17E+03	-6.25E+04	6.26E+04
1/10	-4.54E+04	5.40E+03	5.73E+03	5.40E+03	5.73E+03	5.08E+05	5.12E+05

Table R-1475. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	1.70E-02	-1.49E+03	1.49E+03	-1.51E+03	1.48E+03	-9.05E+04	8.86E+04
1/20	5.07E-02	-4.48E+03	4.48E+03	-4.53E+03	4.43E+03	-9.05E+04	8.86E+04
1/15	6.79E-02	-5.97E+03	5.97E+03	-6.03E+03	5.90E+03	-9.05E+04	8.86E+04
1/10	0.102	-8.96E+03	8.95E+03	-9.05E+03	8.86E+03	-9.05E+04	8.86E+04

Table R-1476. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-139.	-1.32E+03	1.18E+03	-1.32E+03	1.18E+03	-7.11E+04	7.90E+04
1/20	-1.25E+03	-4.35E+03	3.15E+03	-4.37E+03	3.13E+03	-6.24E+04	8.76E+04
1/15	-2.23E+03	-6.10E+03	3.94E+03	-6.10E+03	3.90E+03	-5.81E+04	9.19E+04
1/10	-5.01E+03	-1.05E+04	5.12E+03	-1.05E+04	5.05E+03	-5.46E+04	1.01E+05

Table R-1477. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-139.	-1.32E+03	1.18E+03	-1.32E+03	1.18E+03	-7.11E+04	7.90E+04
1/20	-1.25E+03	-4.35E+03	3.15E+03	-4.37E+03	3.13E+03	-6.24E+04	8.76E+04
1/15	-2.23E+03	-6.10E+03	3.94E+03	-6.10E+03	3.90E+03	-5.81E+04	9.19E+04
1/10	-5.01E+03	-1.05E+04	5.12E+03	-1.05E+04	5.05E+03	-5.46E+04	1.01E+05

Table R-1478. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	79.3	-990.	1.48E+03	-934.	1.39E+03	-6.08E+04	7.89E+04
1/20	756.	-2.08E+03	5.71E+03	-1.79E+03	5.47E+03	-5.09E+04	9.42E+04
1/15	1.47E+03	-2.94E+03	8.49E+03	-2.31E+03	8.15E+03	-5.67E+04	1.00E+05
1/10	4.04E+03	-2.46E+04	2.17E+04	-4.80E+03	1.57E+04	-8.85E+04	1.16E+05

Table R-1479. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1480. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	160.	-666.	989.	-652.	979.	-4.87E+04	4.91E+04
1/20	1.34E+03	-1.56E+03	3.98E+03	-1.50E+03	3.92E+03	-5.69E+04	5.16E+04
1/15	2.46E+03	-1.91E+03	6.12E+03	-1.84E+03	6.04E+03	-6.45E+04	5.38E+04
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

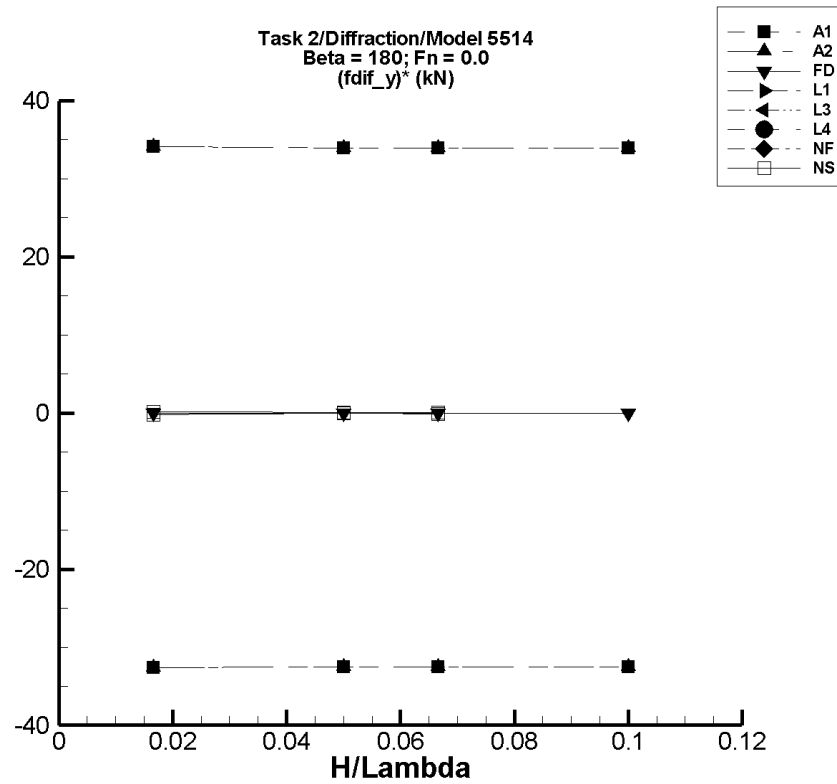


Figure R-186. Minimum and Maximum of $(F_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

Table R-1481. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.22E-03	-0.553	0.566	-0.546	0.566	-32.6	34.1
1/20	-6.65E-03	-1.65	1.69	-1.63	1.69	-32.5	34.0
1/15	-8.86E-03	-2.20	2.26	-2.17	2.25	-32.5	33.9
1/10	-1.33E-02	-3.31	3.39	-3.27	3.38	-32.5	34.0

Table R-1482. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.22E-03	-0.553	0.566	-0.546	0.566	-32.6	34.1
1/20	-6.65E-03	-1.65	1.69	-1.63	1.69	-32.5	34.0
1/15	-8.86E-03	-2.20	2.26	-2.17	2.25	-32.5	33.9
1/10	-1.33E-02	-3.31	3.39	-3.27	3.38	-32.5	34.0

Table R-1483. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.07E-09	-5.99E-05	5.99E-05	-5.93E-05	5.93E-05	-3.56E-03	3.56E-03
1/20	-6.22E-09	-1.80E-04	1.80E-04	-1.78E-04	1.78E-04	-3.56E-03	3.56E-03
1/15	-8.26E-09	-2.40E-04	2.40E-04	-2.37E-04	2.37E-04	-3.56E-03	3.56E-03
1/10	-1.25E-08	-3.60E-04	3.60E-04	-3.56E-04	3.56E-04	-3.56E-03	3.56E-03

Table R-1484. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1485. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1486. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1487. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1488. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	4.30E-05	-0.119	0.122	-3.14E-03	3.25E-03	-0.191	0.192
1/20	-2.08E-04	-0.101	9.64E-02	-3.85E-03	4.24E-03	-7.28E-02	8.89E-02
1/15	-2.33E-04	-0.186	0.194	-6.26E-03	5.34E-03	-9.04E-02	8.36E-02
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

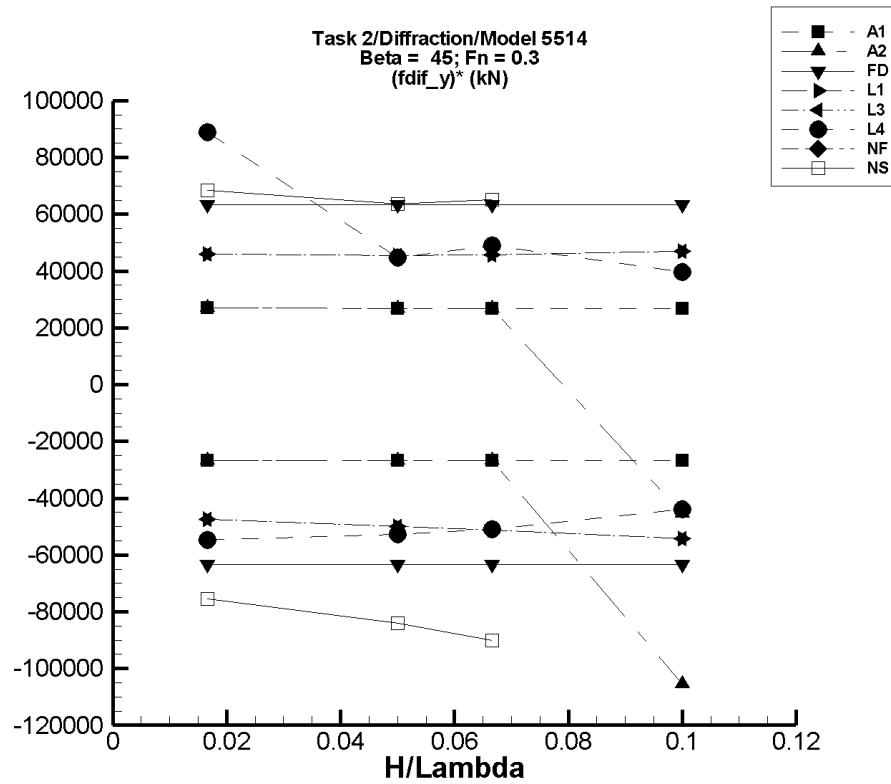


Figure R-187. Minimum and Maximum of $(F_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

Table R-1489. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.12	-449.	449.	-447.	447.	-2.68E+04	2.69E+04
1/20	-3.36	-1.34E+03	1.34E+03	-1.34E+03	1.34E+03	-2.67E+04	2.68E+04
1/15	-4.47	-1.79E+03	1.79E+03	-1.78E+03	1.78E+03	-2.67E+04	2.68E+04
1/10	-6.71	-2.69E+03	2.69E+03	-2.68E+03	2.68E+03	-2.67E+04	2.68E+04

Table R-1490. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.12	-449.	449.	-447.	447.	-2.68E+04	2.69E+04
1/20	-3.36	-1.34E+03	1.34E+03	-1.34E+03	1.34E+03	-2.67E+04	2.68E+04
1/15	-2.89	-1.79E+03	1.79E+03	-1.78E+03	1.78E+03	-2.66E+04	2.67E+04
1/10	7.65E+03	-2.88E+03	3.14E+03	-2.90E+03	3.10E+03	-1.05E+05	-4.55E+04

Table R-1491. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.52	-1.06E+03	1.06E+03	-1.06E+03	1.06E+03	-6.33E+04	6.35E+04
1/20	-4.55	-3.18E+03	3.18E+03	-3.17E+03	3.17E+03	-6.33E+04	6.35E+04
1/15	-6.06	-4.24E+03	4.24E+03	-4.23E+03	4.23E+03	-6.33E+04	6.35E+04
1/10	-9.09	-6.35E+03	6.35E+03	-6.34E+03	6.34E+03	-6.33E+04	6.35E+04

Table R-1492. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-227.	-1.02E+03	537.	-1.02E+03	536.	-4.74E+04	4.58E+04
1/20	-2.05E+03	-4.54E+03	226.	-4.54E+03	224.	-4.98E+04	4.54E+04
1/15	-3.64E+03	-7.06E+03	-591.	-7.06E+03	-594.	-5.13E+04	4.57E+04
1/10	-8.19E+03	-1.36E+04	-3.48E+03	-1.36E+04	-3.49E+03	-5.43E+04	4.71E+04

Table R-1493. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-227.	-1.02E+03	537.	-1.02E+03	536.	-4.74E+04	4.58E+04
1/20	-2.05E+03	-4.54E+03	226.	-4.54E+03	224.	-4.99E+04	4.54E+04
1/15	-3.64E+03	-7.06E+03	-591.	-7.06E+03	-594.	-5.13E+04	4.57E+04
1/10	-8.19E+03	-1.36E+04	-3.48E+03	-1.36E+04	-3.49E+03	-5.43E+04	4.71E+04

Table R-1494. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	49.9	-904.	1.59E+03	-863.	1.53E+03	-5.48E+04	8.89E+04
1/20	627.	-2.08E+03	2.93E+03	-2.01E+03	2.86E+03	-5.28E+04	4.47E+04
1/15	1.24E+03	-2.37E+03	4.61E+03	-2.16E+03	4.50E+03	-5.09E+04	4.89E+04
1/10	2.75E+03	-1.95E+04	2.50E+04	-1.63E+03	6.72E+03	-4.38E+04	3.97E+04

Table R-1495. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1496. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	47.0	-1.23E+03	1.20E+03	-1.21E+03	1.19E+03	-7.56E+04	6.83E+04
1/20	419.	-3.86E+03	3.61E+03	-3.79E+03	3.60E+03	-8.42E+04	6.37E+04
1/15	738.	-5.35E+03	5.10E+03	-5.26E+03	5.08E+03	-9.00E+04	6.51E+04
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

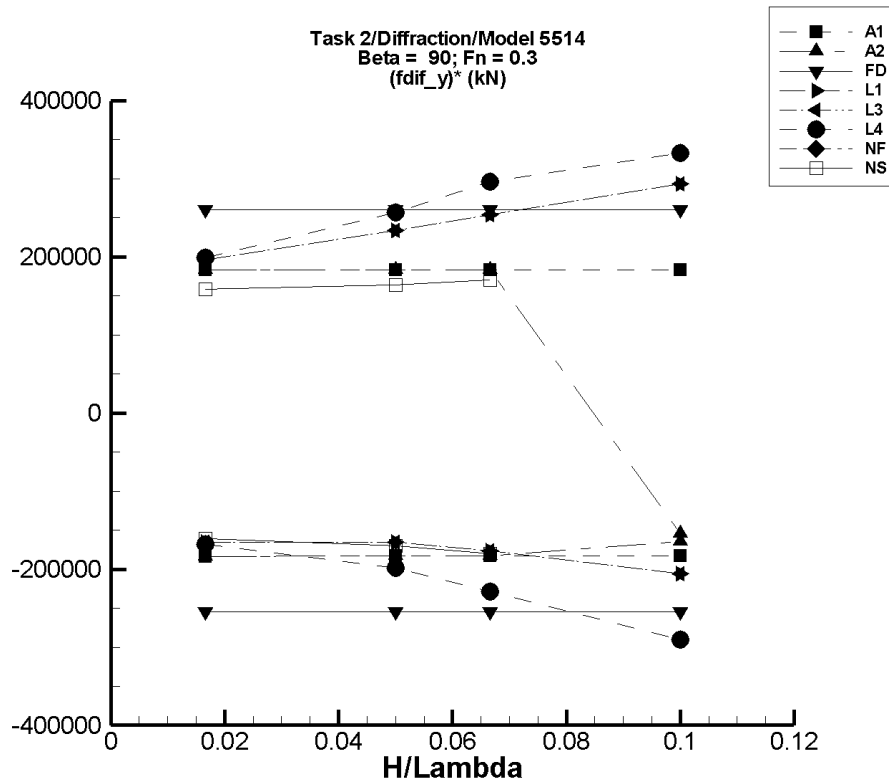


Figure R-188. Minimum and Maximum of $(F_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

Table R-1497. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.60	-3.09E+03	3.10E+03	-3.06E+03	3.06E+03	-1.83E+05	1.84E+05
1/20	-4.78	-9.26E+03	9.26E+03	-9.15E+03	9.15E+03	-1.83E+05	1.83E+05
1/15	-6.36	-1.23E+04	1.23E+04	-1.22E+04	1.22E+04	-1.83E+05	1.83E+05
1/10	-9.56	-1.85E+04	1.85E+04	-1.83E+04	1.83E+04	-1.83E+05	1.83E+05

Table R-1498. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-1.60	-3.09E+03	3.10E+03	-3.06E+03	3.06E+03	-1.83E+05	1.84E+05
1/20	-4.78	-9.26E+03	9.26E+03	-9.15E+03	9.15E+03	-1.83E+05	1.83E+05
1/15	-6.36	-1.23E+04	1.23E+04	-1.22E+04	1.22E+04	-1.83E+05	1.83E+05
1/10	2.61E+04	9.70E+03	1.07E+04	9.70E+03	1.07E+04	-1.64E+05	-1.54E+05

Table R-1499. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-4.75E-02	-4.30E+03	4.30E+03	-4.25E+03	4.34E+03	-2.55E+05	2.60E+05
1/20	-0.142	-1.29E+04	1.29E+04	-1.27E+04	1.30E+04	-2.55E+05	2.60E+05
1/15	-0.190	-1.72E+04	1.72E+04	-1.70E+04	1.73E+04	-2.55E+05	2.60E+05
1/10	-0.284	-2.58E+04	2.58E+04	-2.55E+04	2.60E+04	-2.55E+05	2.60E+05

Table R-1500. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-198.	-2.96E+03	3.09E+03	-2.95E+03	3.07E+03	-1.65E+05	1.96E+05
1/20	-1.77E+03	-1.01E+04	1.00E+04	-1.00E+04	9.93E+03	-1.66E+05	2.34E+05
1/15	-3.14E+03	-1.50E+04	1.39E+04	-1.49E+04	1.38E+04	-1.76E+05	2.54E+05
1/10	-7.07E+03	-2.79E+04	2.25E+04	-2.77E+04	2.23E+04	-2.06E+05	2.93E+05

Table R–1501. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-198.	-2.96E+03	3.09E+03	-2.95E+03	3.07E+03	-1.65E+05	1.96E+05
1/20	-1.77E+03	-1.01E+04	1.00E+04	-1.00E+04	9.93E+03	-1.66E+05	2.34E+05
1/15	-3.14E+03	-1.50E+04	1.39E+04	-1.49E+04	1.38E+04	-1.76E+05	2.54E+05
1/10	-7.07E+03	-2.79E+04	2.25E+04	-2.77E+04	2.23E+04	-2.06E+05	2.93E+05

Table R–1502. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	224.	-2.63E+03	3.56E+03	-2.57E+03	3.53E+03	-1.68E+05	1.99E+05
1/20	2.00E+03	-8.10E+03	1.50E+04	-7.94E+03	1.48E+04	-1.99E+05	2.57E+05
1/15	3.58E+03	-1.20E+04	2.36E+04	-1.17E+04	2.33E+04	-2.29E+05	2.96E+05
1/10	7.41E+03	-1.01E+05	8.74E+04	-2.16E+04	4.07E+04	-2.91E+05	3.33E+05

Table R–1503. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–1504. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	39.9	-2.68E+03	2.71E+03	-2.65E+03	2.68E+03	-1.61E+05	1.59E+05
1/20	416.	-8.27E+03	8.62E+03	-8.09E+03	8.60E+03	-1.70E+05	1.64E+05
1/15	988.	-1.13E+04	1.23E+04	-1.11E+04	1.24E+04	-1.81E+05	1.71E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

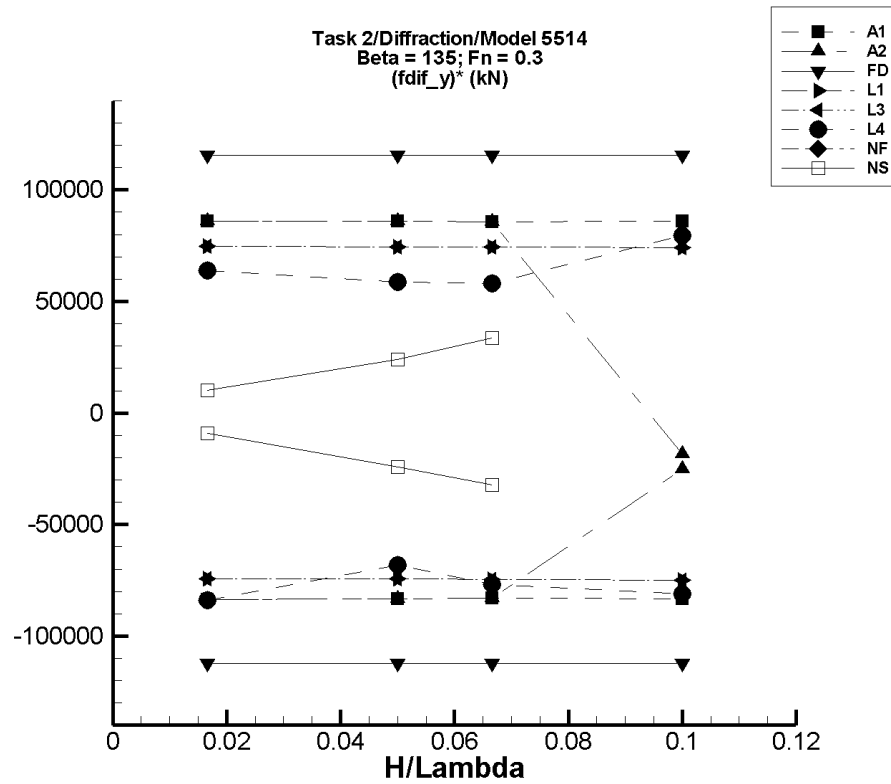


Figure R-189. Minimum and Maximum of $(F_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

Table R–1505. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.28	-1.43E+03	1.44E+03	-1.39E+03	1.43E+03	-8.35E+04	8.61E+04
1/20	-6.83	-4.28E+03	4.30E+03	-4.17E+03	4.29E+03	-8.33E+04	8.59E+04
1/15	-9.09	-5.69E+03	5.73E+03	-5.55E+03	5.71E+03	-8.31E+04	8.57E+04
1/10	-13.7	-8.55E+03	8.61E+03	-8.34E+03	8.57E+03	-8.33E+04	8.59E+04

Table R–1506. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.28	-1.43E+03	1.44E+03	-1.39E+03	1.43E+03	-8.35E+04	8.61E+04
1/20	-6.83	-4.28E+03	4.30E+03	-4.17E+03	4.29E+03	-8.33E+04	8.59E+04
1/15	-9.09	-5.69E+03	5.73E+03	-5.55E+03	5.71E+03	-8.31E+04	8.57E+04
1/10	7.49E+03	4.96E+03	5.63E+03	4.96E+03	5.63E+03	-2.52E+04	-1.85E+04

Table R–1507. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.765	-1.92E+03	1.92E+03	-1.87E+03	1.92E+03	-1.12E+05	1.15E+05
1/20	-2.29	-5.76E+03	5.76E+03	-5.61E+03	5.77E+03	-1.12E+05	1.15E+05
1/15	-3.06	-7.68E+03	7.68E+03	-7.48E+03	7.69E+03	-1.12E+05	1.15E+05
1/10	-4.59	-1.15E+04	1.15E+04	-1.12E+04	1.15E+04	-1.12E+05	1.15E+05

Table R–1508. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-127.	-1.37E+03	1.12E+03	-1.36E+03	1.12E+03	-7.42E+04	7.48E+04
1/20	-1.13E+03	-4.89E+03	2.60E+03	-4.86E+03	2.59E+03	-7.45E+04	7.45E+04
1/15	-2.01E+03	-7.03E+03	2.95E+03	-6.98E+03	2.95E+03	-7.46E+04	7.44E+04
1/10	-4.52E+03	-1.21E+04	2.90E+03	-1.20E+04	2.89E+03	-7.49E+04	7.41E+04

Table R–1509. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-127.	-1.37E+03	1.12E+03	-1.36E+03	1.12E+03	-7.42E+04	7.48E+04
1/20	-1.13E+03	-4.89E+03	2.60E+03	-4.86E+03	2.59E+03	-7.45E+04	7.45E+04
1/15	-2.01E+03	-7.03E+03	2.95E+03	-6.98E+03	2.95E+03	-7.46E+04	7.44E+04
1/10	-4.52E+03	-1.21E+04	2.90E+03	-1.20E+04	2.89E+03	-7.49E+04	7.41E+04

Table R–1510. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	137.	-1.30E+03	1.36E+03	-1.26E+03	1.20E+03	-8.40E+04	6.37E+04
1/20	1.57E+03	-1.94E+03	4.84E+03	-1.84E+03	4.50E+03	-6.82E+04	5.86E+04
1/15	2.89E+03	-2.46E+03	6.96E+03	-2.24E+03	6.77E+03	-7.70E+04	5.81E+04
1/10	5.98E+03	-2.43E+03	1.96E+04	-2.13E+03	1.40E+04	-8.11E+04	7.97E+04

Table R–1511. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–1512. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	79.2	-77.1	260.	-72.1	248.	-9.08E+03	1.01E+04
1/20	809.	-461.	2.05E+03	-397.	2.00E+03	-2.41E+04	2.39E+04
1/15	1.72E+03	-529.	4.01E+03	-434.	3.97E+03	-3.23E+04	3.37E+04
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

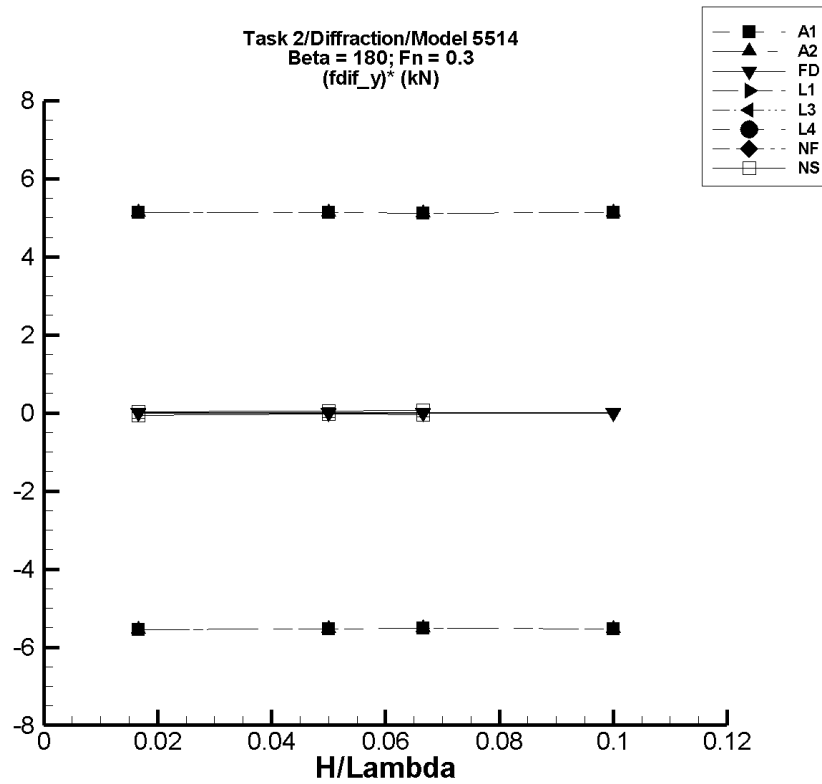


Figure R-190. Minimum and Maximum of $(F_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

Table R–1513. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.03E-04	-0.138	8.88E-02	-9.26E-02	8.55E-02	-5.55	5.14
1/20	-6.07E-04	-0.414	0.266	-0.277	0.256	-5.53	5.13
1/15	-8.09E-04	-0.551	0.354	-0.369	0.340	-5.52	5.12
1/10	-1.21E-03	-0.828	0.531	-0.554	0.511	-5.53	5.13

Table R–1514. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.03E-04	-0.138	8.88E-02	-9.26E-02	8.55E-02	-5.55	5.14
1/20	-6.07E-04	-0.414	0.266	-0.277	0.256	-5.53	5.13
1/15	-8.09E-04	-0.551	0.354	-0.369	0.340	-5.52	5.12
1/10	-1.21E-03	-0.828	0.531	-0.554	0.511	-5.53	5.13

Table R–1515. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-2.23E-07	-6.93E-05	6.93E-05	-6.73E-05	6.69E-05	-4.02E-03	4.03E-03
1/20	-6.69E-07	-2.08E-04	2.08E-04	-2.02E-04	2.01E-04	-4.02E-03	4.03E-03
1/15	-8.92E-07	-2.77E-04	2.77E-04	-2.69E-04	2.68E-04	-4.02E-03	4.03E-03
1/10	-1.34E-06	-4.16E-04	4.16E-04	-4.04E-04	4.02E-04	-4.02E-03	4.03E-03

Table R–1516. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–1517. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–1518. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–1519. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–1520. Minimum and Maximum of F_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_y^{\text{dif}} \rangle$	Unfiltered F_y^{dif}		Filtered F_y^{dif}		Filtered $(F_y^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-3.94E-05	-4.01E-03	3.58E-03	-1.12E-03	5.69E-04	-6.46E-02	3.65E-02
1/20	2.17E-04	-1.33E-02	1.36E-02	-1.37E-03	2.56E-03	-3.17E-02	4.68E-02
1/15	3.29E-04	-2.70E-02	2.91E-02	-2.23E-03	4.34E-03	-3.84E-02	6.02E-02
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

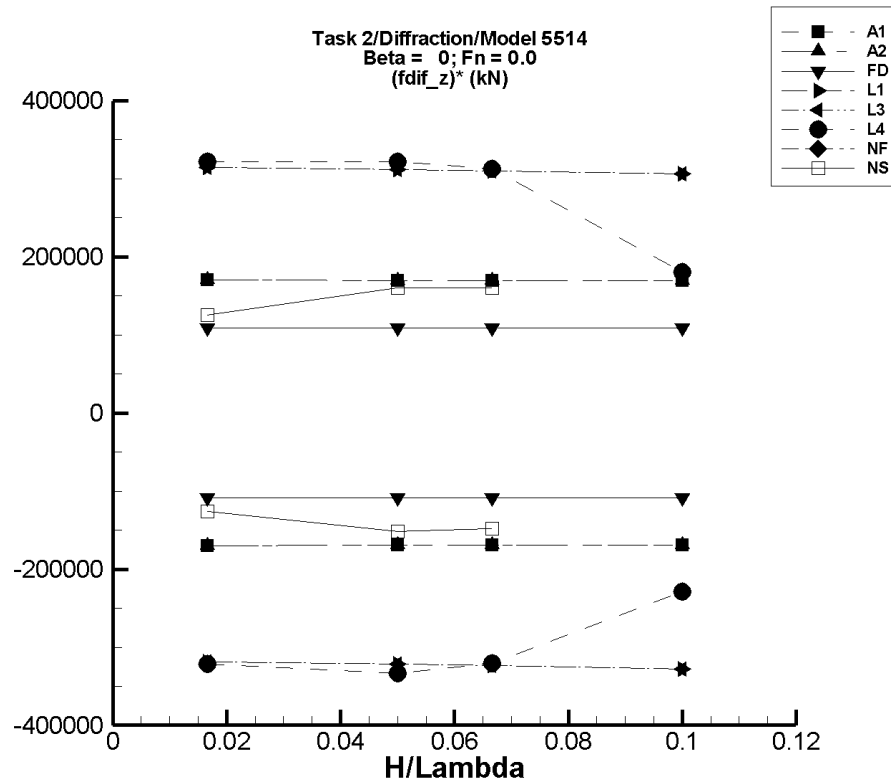


Figure R-191. Minimum and Maximum of $(F_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1521. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	5.45	-2.87E+03	2.88E+03	-2.82E+03	2.84E+03	-1.70E+05	1.70E+05
1/20	16.3	-8.57E+03	8.62E+03	-8.45E+03	8.51E+03	-1.69E+05	1.70E+05
1/15	21.7	-1.14E+04	1.15E+04	-1.13E+04	1.13E+04	-1.69E+05	1.70E+05
1/10	32.6	-1.71E+04	1.72E+04	-1.69E+04	1.70E+04	-1.69E+05	1.70E+05

Table R-1522. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	5.45	-2.87E+03	2.88E+03	-2.82E+03	2.84E+03	-1.70E+05	1.70E+05
1/20	16.3	-8.57E+03	8.62E+03	-8.45E+03	8.51E+03	-1.69E+05	1.70E+05
1/15	21.7	-1.14E+04	1.15E+04	-1.13E+04	1.13E+04	-1.69E+05	1.70E+05
1/10	32.6	-1.71E+04	1.72E+04	-1.69E+04	1.70E+04	-1.69E+05	1.70E+05

Table R-1523. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	5.62E-02	-1.83E+03	1.83E+03	-1.81E+03	1.81E+03	-1.09E+05	1.09E+05
1/20	0.168	-5.50E+03	5.50E+03	-5.44E+03	5.44E+03	-1.09E+05	1.09E+05
1/15	0.225	-7.33E+03	7.33E+03	-7.25E+03	7.25E+03	-1.09E+05	1.09E+05
1/10	0.337	-1.10E+04	1.10E+04	-1.09E+04	1.09E+04	-1.09E+05	1.09E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-1524. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-218.	-5.55E+03	5.05E+03	-5.52E+03	5.03E+03	-3.18E+05	3.15E+05
1/20	-1.92E+03	-1.81E+04	1.37E+04	-1.80E+04	1.36E+04	-3.22E+05	3.11E+05
1/15	-3.41E+03	-2.51E+04	1.73E+04	-2.50E+04	1.72E+04	-3.24E+05	3.10E+05
1/10	-7.64E+03	-4.06E+04	2.31E+04	-4.04E+04	2.30E+04	-3.28E+05	3.06E+05

Table R-1525. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-218.	-5.55E+03	5.05E+03	-5.52E+03	5.03E+03	-3.18E+05	3.15E+05
1/20	-1.92E+03	-1.81E+04	1.37E+04	-1.80E+04	1.36E+04	-3.22E+05	3.11E+05
1/15	-3.41E+03	-2.51E+04	1.73E+04	-2.50E+04	1.72E+04	-3.24E+05	3.10E+05
1/10	-7.64E+03	-4.06E+04	2.31E+04	-4.04E+04	2.30E+04	-3.28E+05	3.06E+05

Table R-1526. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-424.	-5.86E+03	4.99E+03	-5.79E+03	4.93E+03	-3.22E+05	3.22E+05
1/20	-4.01E+03	-2.10E+04	1.23E+04	-2.07E+04	1.21E+04	-3.33E+05	3.22E+05
1/15	-7.36E+03	-2.91E+04	1.38E+04	-2.87E+04	1.35E+04	-3.21E+05	3.13E+05
1/10	-1.42E+04	-1.07E+05	3.00E+04	-3.71E+04	3.86E+03	-2.29E+05	1.80E+05

Table R-1527. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{dif}} \rangle$	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1528. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{dif}} \rangle$	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-390.	-2.52E+03	1.72E+03	-2.49E+03	1.70E+03	-1.26E+05	1.25E+05
1/20	-2.82E+03	-1.05E+04	5.31E+03	-1.04E+04	5.21E+03	-1.52E+05	1.61E+05
1/15	-4.96E+03	-1.49E+04	5.87E+03	-1.48E+04	5.70E+03	-1.48E+05	1.60E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

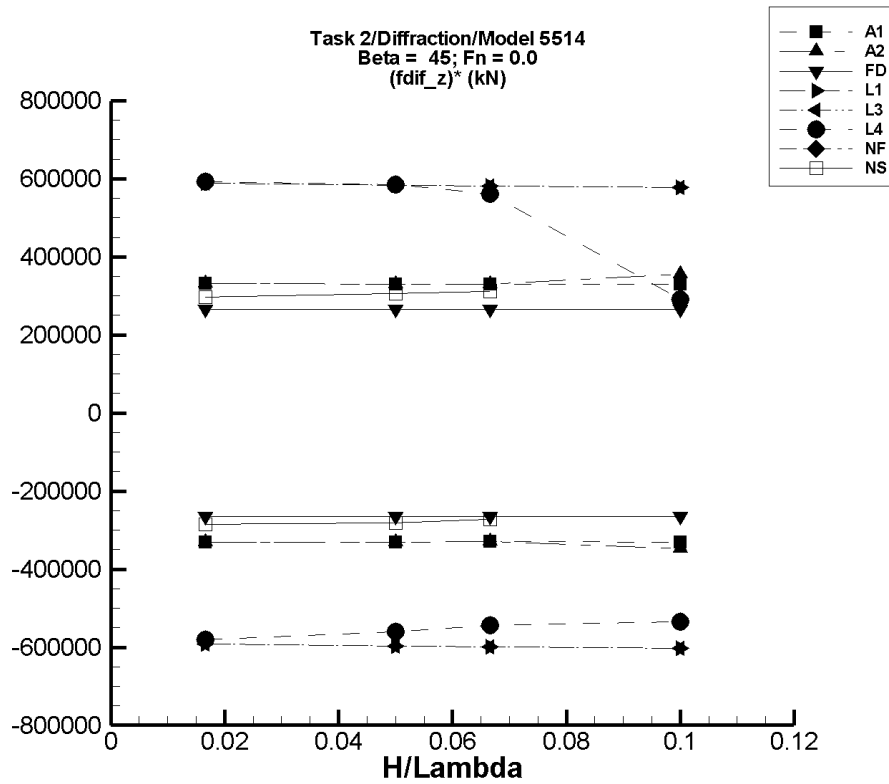


Figure R-192. Minimum and Maximum of $(F_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1529. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif} Min. (kN)	Unfiltered F_z^{dif} Max. (kN)	Filtered F_z^{dif} Min. (kN)	Filtered F_z^{dif} Max. (kN)	Filtered $(F_z^{\text{dif}})^*$ Min. (kN)	Filtered $(F_z^{\text{dif}})^*$ Max. (kN)
1/60	10.3	-5.73E+03	5.63E+03	-5.51E+03	5.53E+03	-3.31E+05	3.31E+05
1/20	30.8	-1.71E+04	1.68E+04	-1.65E+04	1.65E+04	-3.31E+05	3.30E+05
1/15	41.0	-2.28E+04	2.24E+04	-2.20E+04	2.20E+04	-3.30E+05	3.30E+05
1/10	61.7	-3.43E+04	3.37E+04	-3.30E+04	3.31E+04	-3.31E+05	3.30E+05

Table R-1530. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif} Min. (kN)	Unfiltered F_z^{dif} Max. (kN)	Filtered F_z^{dif} Min. (kN)	Filtered F_z^{dif} Max. (kN)	Filtered $(F_z^{\text{dif}})^*$ Min. (kN)	Filtered $(F_z^{\text{dif}})^*$ Max. (kN)
1/60	10.3	-5.73E+03	5.63E+03	-5.51E+03	5.53E+03	-3.31E+05	3.31E+05
1/20	30.8	-1.71E+04	1.68E+04	-1.65E+04	1.65E+04	-3.31E+05	3.30E+05
1/15	41.0	-2.28E+04	2.24E+04	-2.20E+04	2.20E+04	-3.30E+05	3.30E+05
1/10	-359.	-3.62E+04	3.61E+04	-3.52E+04	3.52E+04	-3.48E+05	3.55E+05

Table R-1531. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif} Min. (kN)	Unfiltered F_z^{dif} Max. (kN)	Filtered F_z^{dif} Min. (kN)	Filtered F_z^{dif} Max. (kN)	Filtered $(F_z^{\text{dif}})^*$ Min. (kN)	Filtered $(F_z^{\text{dif}})^*$ Max. (kN)
1/60	0.117	-4.47E+03	4.47E+03	-4.42E+03	4.42E+03	-2.65E+05	2.65E+05
1/20	0.351	-1.34E+04	1.34E+04	-1.33E+04	1.33E+04	-2.65E+05	2.65E+05
1/15	0.470	-1.79E+04	1.79E+04	-1.77E+04	1.77E+04	-2.65E+05	2.65E+05
1/10	0.701	-2.68E+04	2.68E+04	-2.65E+04	2.65E+04	-2.65E+05	2.65E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-1532. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-391.	-1.03E+04	9.44E+03	-1.03E+04	9.41E+03	-5.93E+05	5.88E+05
1/20	-3.49E+03	-3.34E+04	2.58E+04	-3.33E+04	2.57E+04	-5.97E+05	5.84E+05
1/15	-6.19E+03	-4.63E+04	3.28E+04	-4.61E+04	3.26E+04	-5.99E+05	5.82E+05
1/10	-1.39E+04	-7.45E+04	4.41E+04	-7.42E+04	4.39E+04	-6.03E+05	5.78E+05

Table R-1533. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-391.	-1.03E+04	9.44E+03	-1.03E+04	9.41E+03	-5.93E+05	5.88E+05
1/20	-3.49E+03	-3.34E+04	2.58E+04	-3.33E+04	2.57E+04	-5.97E+05	5.84E+05
1/15	-6.19E+03	-4.63E+04	3.28E+04	-4.61E+04	3.26E+04	-5.99E+05	5.82E+05
1/10	-1.39E+04	-7.45E+04	4.41E+04	-7.42E+04	4.39E+04	-6.03E+05	5.78E+05

Table R-1534. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-597.	-1.04E+04	9.33E+03	-1.03E+04	9.26E+03	-5.81E+05	5.91E+05
1/20	-5.45E+03	-3.38E+04	2.40E+04	-3.34E+04	2.38E+04	-5.60E+05	5.84E+05
1/15	-9.88E+03	-4.67E+04	2.78E+04	-4.61E+04	2.76E+04	-5.44E+05	5.61E+05
1/10	-6.55E+03	-7.58E+04	5.62E+04	-6.01E+04	2.26E+04	-5.36E+05	2.91E+05

Table R-1535. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1536. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-478.	-5.29E+03	4.53E+03	-5.24E+03	4.47E+03	-2.86E+05	2.97E+05
1/20	-3.38E+03	-1.75E+04	1.21E+04	-1.74E+04	1.19E+04	-2.81E+05	3.06E+05
1/15	-6.01E+03	-2.43E+04	1.50E+04	-2.42E+04	1.48E+04	-2.73E+05	3.12E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

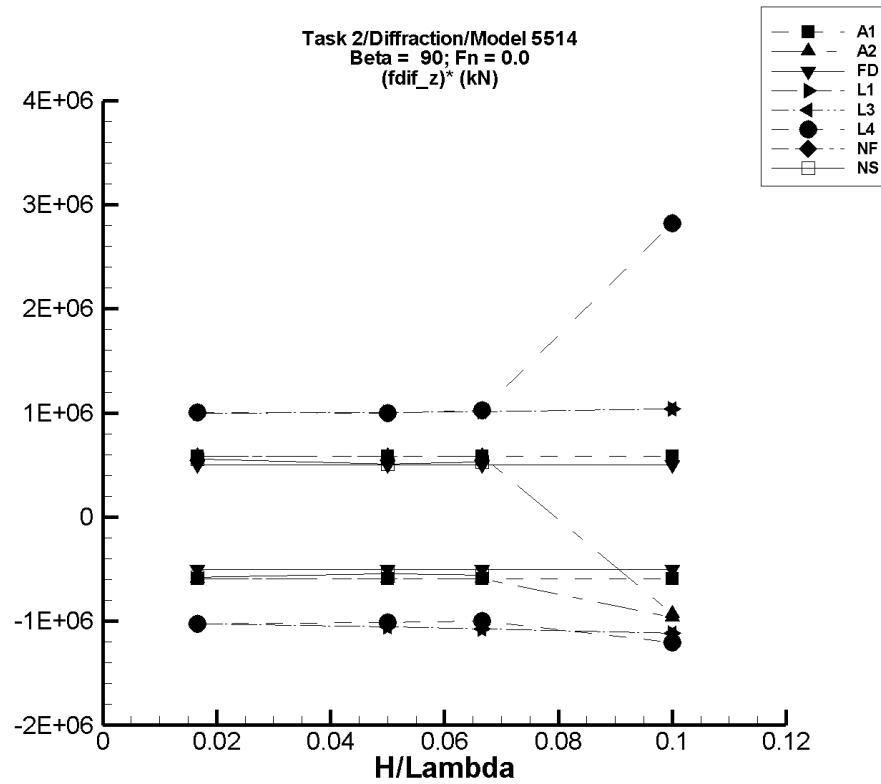


Figure R-193. Minimum and Maximum of $(F_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1537. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	21.1	-1.00E+04	1.02E+04	-9.88E+03	9.82E+03	-5.94E+05	5.88E+05
1/20	63.0	-3.00E+04	3.06E+04	-2.96E+04	2.94E+04	-5.93E+05	5.86E+05
1/15	83.9	-3.99E+04	4.08E+04	-3.94E+04	3.91E+04	-5.92E+05	5.85E+05
1/10	126.	-6.00E+04	6.12E+04	-5.91E+04	5.87E+04	-5.93E+05	5.86E+05

Table R-1538. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	21.1	-1.00E+04	1.02E+04	-9.88E+03	9.82E+03	-5.94E+05	5.88E+05
1/20	63.0	-3.00E+04	3.06E+04	-2.96E+04	2.94E+04	-5.93E+05	5.86E+05
1/15	83.9	-3.99E+04	4.08E+04	-3.94E+04	3.91E+04	-5.92E+05	5.85E+05
1/10	5.60E+04	-4.03E+04	-3.71E+04	-4.03E+04	-3.71E+04	-9.63E+05	-9.31E+05

Table R-1539. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.152	-8.50E+03	8.49E+03	-8.41E+03	8.40E+03	-5.05E+05	5.04E+05
1/20	0.455	-2.55E+04	2.55E+04	-2.52E+04	2.52E+04	-5.05E+05	5.04E+05
1/15	0.608	-3.40E+04	3.40E+04	-3.37E+04	3.36E+04	-5.05E+05	5.04E+05
1/10	0.910	-5.10E+04	5.10E+04	-5.05E+04	5.04E+04	-5.05E+05	5.04E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-1540. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-665.	-1.79E+04	1.60E+04	-1.78E+04	1.60E+04	-1.03E+06	9.98E+05
1/20	-5.93E+03	-5.89E+04	4.44E+04	-5.86E+04	4.42E+04	-1.05E+06	1.00E+06
1/15	-1.05E+04	-8.23E+04	5.71E+04	-8.20E+04	5.68E+04	-1.07E+06	1.01E+06
1/10	-2.36E+04	-1.36E+05	8.05E+04	-1.35E+05	8.00E+04	-1.11E+06	1.04E+06

Table R-1541. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-665.	-1.79E+04	1.60E+04	-1.78E+04	1.60E+04	-1.03E+06	9.98E+05
1/20	-5.93E+03	-5.89E+04	4.44E+04	-5.86E+04	4.42E+04	-1.05E+06	1.00E+06
1/15	-1.05E+04	-8.23E+04	5.71E+04	-8.20E+04	5.68E+04	-1.07E+06	1.01E+06
1/10	-2.36E+04	-1.36E+05	8.05E+04	-1.35E+05	8.00E+04	-1.11E+06	1.04E+06

Table R-1542. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-864.	-1.80E+04	1.60E+04	-1.79E+04	1.59E+04	-1.02E+06	1.00E+06
1/20	-7.92E+03	-5.91E+04	4.23E+04	-5.85E+04	4.21E+04	-1.01E+06	1.00E+06
1/15	-1.39E+04	-8.17E+04	5.50E+04	-8.04E+04	5.43E+04	-9.98E+05	1.02E+06
1/10	1.72E+03	-3.83E+05	8.01E+05	-1.19E+05	2.84E+05	-1.21E+06	2.82E+06

Table R-1543. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1544. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-579.	-1.03E+04	8.83E+03	-1.02E+04	8.73E+03	-5.76E+05	5.59E+05
1/20	-3.95E+03	-3.15E+04	2.18E+04	-3.10E+04	2.15E+04	-5.41E+05	5.09E+05
1/15	-7.03E+03	-4.50E+04	2.87E+04	-4.44E+04	2.83E+04	-5.60E+05	5.30E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

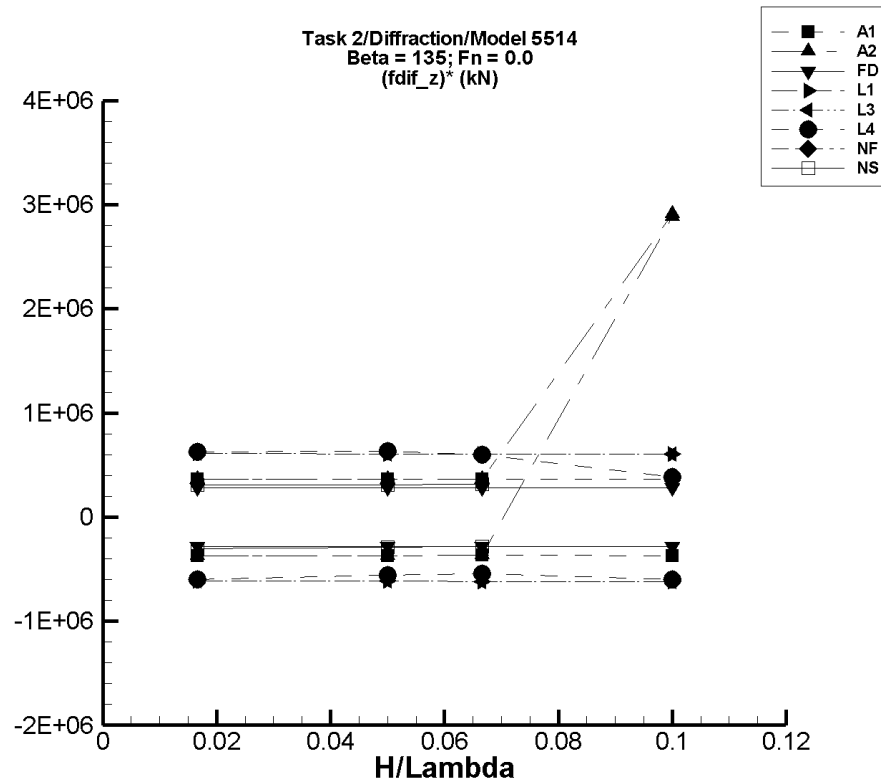


Figure R-194. Minimum and Maximum of $(F_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1545. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	14.0	-6.22E+03	6.22E+03	-6.15E+03	6.14E+03	-3.70E+05	3.68E+05
1/20	42.0	-1.86E+04	1.86E+04	-1.84E+04	1.84E+04	-3.69E+05	3.67E+05
1/15	55.9	-2.48E+04	2.48E+04	-2.45E+04	2.45E+04	-3.68E+05	3.66E+05
1/10	83.9	-3.72E+04	3.72E+04	-3.68E+04	3.67E+04	-3.69E+05	3.67E+05

Table R-1546. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	14.0	-6.22E+03	6.22E+03	-6.15E+03	6.14E+03	-3.70E+05	3.68E+05
1/20	42.0	-1.86E+04	1.86E+04	-1.84E+04	1.84E+04	-3.69E+05	3.67E+05
1/15	55.9	-2.48E+04	2.48E+04	-2.45E+04	2.45E+04	-3.68E+05	3.66E+05
1/10	-2.54E+05	3.45E+04	3.73E+04	3.45E+04	3.73E+04	2.89E+06	2.91E+06

Table R-1547. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	3.56E-02	-4.71E+03	4.71E+03	-4.72E+03	4.66E+03	-2.83E+05	2.80E+05
1/20	0.107	-1.41E+04	1.41E+04	-1.42E+04	1.40E+04	-2.83E+05	2.80E+05
1/15	0.143	-1.88E+04	1.88E+04	-1.89E+04	1.86E+04	-2.83E+05	2.80E+05
1/10	0.214	-2.83E+04	2.83E+04	-2.83E+04	2.80E+04	-2.83E+05	2.80E+05

Table R-1548. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-412.	-1.07E+04	9.80E+03	-1.07E+04	9.75E+03	-6.15E+05	6.10E+05
1/20	-3.61E+03	-3.45E+04	2.69E+04	-3.44E+04	2.68E+04	-6.16E+05	6.09E+05
1/15	-6.39E+03	-4.77E+04	3.43E+04	-4.75E+04	3.41E+04	-6.17E+05	6.08E+05
1/10	-1.43E+04	-7.65E+04	4.66E+04	-7.62E+04	4.64E+04	-6.19E+05	6.07E+05

Table R-1549. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-412.	-1.07E+04	9.80E+03	-1.07E+04	9.75E+03	-6.15E+05	6.10E+05
1/20	-3.61E+03	-3.45E+04	2.69E+04	-3.44E+04	2.68E+04	-6.16E+05	6.09E+05
1/15	-6.39E+03	-4.77E+04	3.43E+04	-4.75E+04	3.41E+04	-6.17E+05	6.08E+05
1/10	-1.43E+04	-7.65E+04	4.66E+04	-7.62E+04	4.64E+04	-6.19E+05	6.07E+05

Table R-1550. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-608.	-1.07E+04	9.89E+03	-1.06E+04	9.82E+03	-5.98E+05	6.25E+05
1/20	-5.69E+03	-3.39E+04	2.62E+04	-3.37E+04	2.59E+04	-5.61E+05	6.32E+05
1/15	-1.01E+04	-4.64E+04	3.02E+04	-4.61E+04	3.00E+04	-5.41E+05	6.01E+05
1/10	-8.14E+03	-6.90E+04	7.28E+04	-6.82E+04	3.05E+04	-6.01E+05	3.86E+05

Table R-1551. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1552. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-467.	-5.55E+03	4.69E+03	-5.48E+03	4.63E+03	-3.01E+05	3.06E+05
1/20	-3.35E+03	-1.81E+04	1.25E+04	-1.78E+04	1.22E+04	-2.89E+05	3.12E+05
1/15	-5.97E+03	-2.48E+04	1.55E+04	-2.47E+04	1.52E+04	-2.80E+05	3.18E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

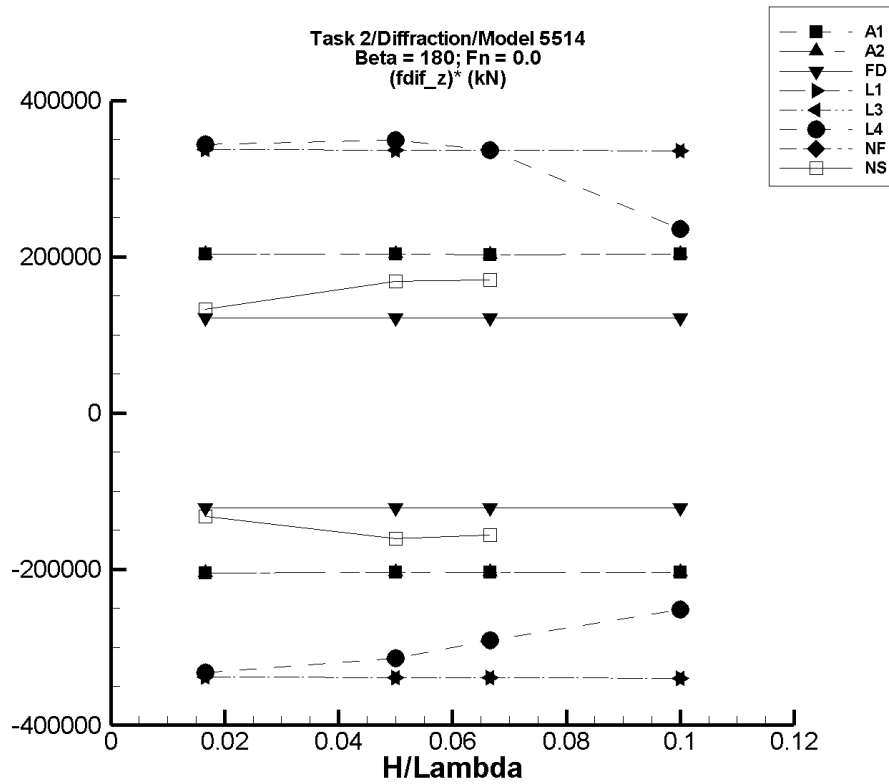


Figure R-195. Minimum and Maximum of $(F_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1553. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	6.58	-3.44E+03	3.44E+03	-3.41E+03	3.40E+03	-2.05E+05	2.04E+05
1/20	19.7	-1.03E+04	1.03E+04	-1.02E+04	1.02E+04	-2.04E+05	2.03E+05
1/15	26.2	-1.37E+04	1.37E+04	-1.36E+04	1.36E+04	-2.04E+05	2.03E+05
1/10	39.4	-2.06E+04	2.06E+04	-2.04E+04	2.04E+04	-2.04E+05	2.03E+05

Table R-1554. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	6.58	-3.44E+03	3.44E+03	-3.41E+03	3.40E+03	-2.05E+05	2.04E+05
1/20	19.7	-1.03E+04	1.03E+04	-1.02E+04	1.02E+04	-2.04E+05	2.03E+05
1/15	26.2	-1.37E+04	1.37E+04	-1.36E+04	1.36E+04	-2.04E+05	2.03E+05
1/10	39.4	-2.06E+04	2.06E+04	-2.04E+04	2.04E+04	-2.04E+05	2.03E+05

Table R-1555. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	1.02E-03	-2.05E+03	2.05E+03	-2.03E+03	2.03E+03	-1.22E+05	1.22E+05
1/20	3.31E-03	-6.16E+03	6.16E+03	-6.09E+03	6.09E+03	-1.22E+05	1.22E+05
1/15	4.03E-03	-8.21E+03	8.21E+03	-8.12E+03	8.12E+03	-1.22E+05	1.22E+05
1/10	6.96E-03	-1.23E+04	1.23E+04	-1.22E+04	1.22E+04	-1.22E+05	1.22E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-1556. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-210.	-5.87E+03	5.44E+03	-5.85E+03	5.41E+03	-3.38E+05	3.37E+05
1/20	-1.86E+03	-1.89E+04	1.50E+04	-1.88E+04	1.50E+04	-3.39E+05	3.37E+05
1/15	-3.30E+03	-2.60E+04	1.92E+04	-2.59E+04	1.91E+04	-3.39E+05	3.36E+05
1/10	-7.41E+03	-4.16E+04	2.63E+04	-4.14E+04	2.62E+04	-3.40E+05	3.36E+05

Table R-1557. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-210.	-5.87E+03	5.44E+03	-5.85E+03	5.41E+03	-3.38E+05	3.37E+05
1/20	-1.86E+03	-1.89E+04	1.50E+04	-1.88E+04	1.50E+04	-3.39E+05	3.37E+05
1/15	-3.30E+03	-2.60E+04	1.92E+04	-2.59E+04	1.91E+04	-3.39E+05	3.36E+05
1/10	-7.41E+03	-4.16E+04	2.63E+04	-4.14E+04	2.62E+04	-3.40E+05	3.36E+05

Table R-1558. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-421.	-6.01E+03	5.35E+03	-5.96E+03	5.31E+03	-3.32E+05	3.44E+05
1/20	-4.12E+03	-2.06E+04	1.36E+04	-1.98E+04	1.33E+04	-3.14E+05	3.49E+05
1/15	-7.42E+03	-2.72E+04	1.52E+04	-2.68E+04	1.50E+04	-2.91E+05	3.36E+05
1/10	-1.38E+04	-8.29E+04	3.87E+04	-3.90E+04	9.74E+03	-2.52E+05	2.35E+05

Table R-1559. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1560. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-382.	-2.61E+03	1.85E+03	-2.59E+03	1.83E+03	-1.32E+05	1.33E+05
1/20	-2.80E+03	-1.10E+04	5.78E+03	-1.09E+04	5.63E+03	-1.61E+05	1.69E+05
1/15	-4.95E+03	-1.54E+04	6.51E+03	-1.53E+04	6.40E+03	-1.56E+05	1.70E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

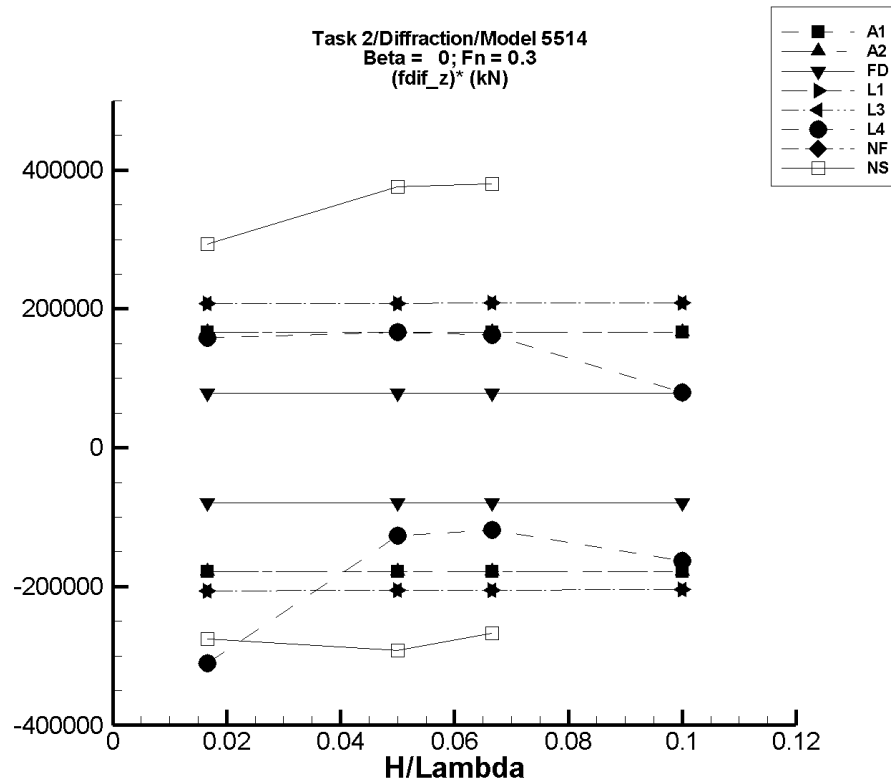


Figure R-196. Minimum and Maximum of $(F_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1561. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	3.33	-3.07E+03	2.79E+03	-2.98E+03	2.78E+03	-1.79E+05	1.67E+05
1/20	9.97	-9.18E+03	8.34E+03	-8.91E+03	8.33E+03	-1.78E+05	1.66E+05
1/15	13.3	-1.22E+04	1.11E+04	-1.19E+04	1.11E+04	-1.78E+05	1.66E+05
1/10	19.9	-1.84E+04	1.67E+04	-1.78E+04	1.67E+04	-1.78E+05	1.66E+05

Table R-1562. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	3.33	-3.07E+03	2.79E+03	-2.98E+03	2.78E+03	-1.79E+05	1.67E+05
1/20	9.97	-9.18E+03	8.34E+03	-8.91E+03	8.33E+03	-1.78E+05	1.66E+05
1/15	13.3	-1.22E+04	1.11E+04	-1.19E+04	1.11E+04	-1.78E+05	1.66E+05
1/10	19.9	-1.84E+04	1.67E+04	-1.78E+04	1.67E+04	-1.78E+05	1.66E+05

Table R-1563. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	1.50	-1.32E+03	1.32E+03	-1.32E+03	1.32E+03	-7.92E+04	7.90E+04
1/20	4.49	-3.96E+03	3.96E+03	-3.96E+03	3.96E+03	-7.92E+04	7.90E+04
1/15	5.98	-5.28E+03	5.28E+03	-5.27E+03	5.27E+03	-7.92E+04	7.90E+04
1/10	8.97	-7.92E+03	7.92E+03	-7.91E+03	7.91E+03	-7.92E+04	7.90E+04

Table R-1564. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-4.93E+03	-8.36E+03	-1.47E+03	-8.36E+03	-1.47E+03	-2.06E+05	2.07E+05
1/20	-6.36E+03	-1.66E+04	4.04E+03	-1.66E+04	4.03E+03	-2.05E+05	2.08E+05
1/15	-7.62E+03	-2.13E+04	6.28E+03	-2.13E+04	6.27E+03	-2.05E+05	2.08E+05
1/10	-1.12E+04	-3.16E+04	9.72E+03	-3.16E+04	9.71E+03	-2.04E+05	2.09E+05

Table R-1565. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-4.93E+03	-8.36E+03	-1.47E+03	-8.36E+03	-1.47E+03	-2.06E+05	2.07E+05
1/20	-6.36E+03	-1.66E+04	4.04E+03	-1.66E+04	4.03E+03	-2.05E+05	2.08E+05
1/15	-7.62E+03	-2.13E+04	6.27E+03	-2.13E+04	6.27E+03	-2.05E+05	2.08E+05
1/10	-1.12E+04	-3.16E+04	9.71E+03	-3.16E+04	9.71E+03	-2.04E+05	2.09E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R–1566. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{dif}} \rangle$	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-4.99E+03	-1.03E+04	-2.35E+03	-1.02E+04	-2.36E+03	-3.11E+05	1.58E+05
1/20	-7.09E+03	-1.39E+04	1.47E+03	-1.34E+04	1.22E+03	-1.27E+05	1.66E+05
1/15	-8.63E+03	-1.70E+04	2.26E+03	-1.65E+04	2.15E+03	-1.19E+05	1.62E+05
1/10	-1.09E+04	-5.71E+04	1.25E+04	-2.71E+04	-2.87E+03	-1.63E+05	7.98E+04

Table R–1567. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{dif}} \rangle$	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–1568. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{dif}} \rangle$	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
	Mean (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-494.	-5.07E+03	4.44E+03	-5.09E+03	4.39E+03	-2.76E+05	2.93E+05
1/20	-5.70E+03	-2.04E+04	1.33E+04	-2.03E+04	1.31E+04	-2.92E+05	3.76E+05
1/15	-1.12E+04	-2.91E+04	1.43E+04	-2.90E+04	1.41E+04	-2.67E+05	3.80E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

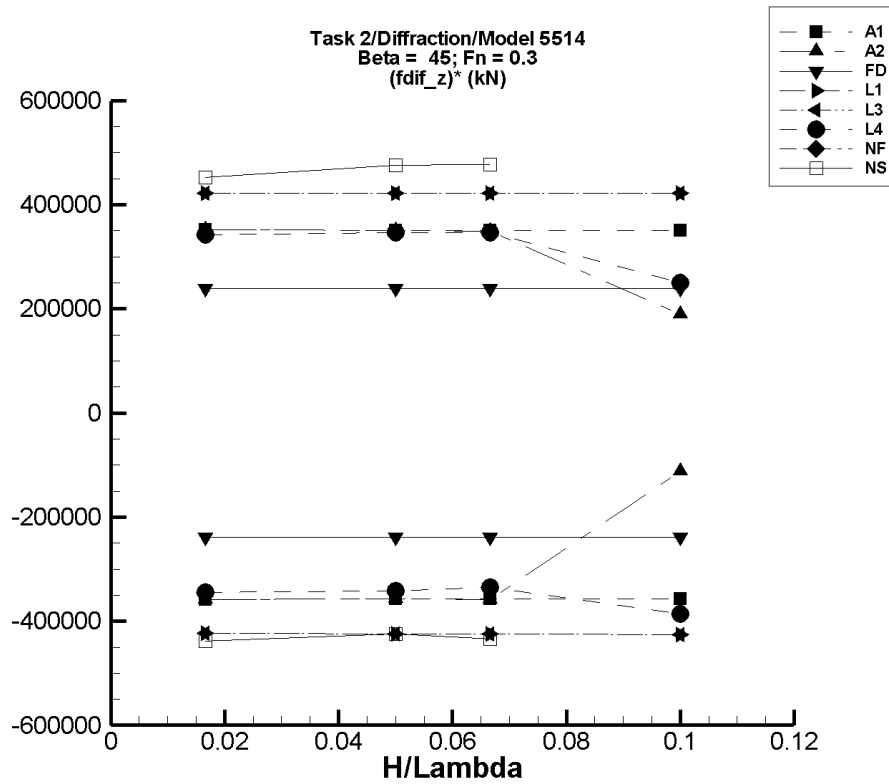


Figure R-197. Minimum and Maximum of $(F_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1569. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-10.4	-6.01E+03	5.88E+03	-5.99E+03	5.86E+03	-3.59E+05	3.52E+05
1/20	-31.1	-1.80E+04	1.76E+04	-1.79E+04	1.75E+04	-3.58E+05	3.51E+05
1/15	-41.4	-2.39E+04	2.34E+04	-2.38E+04	2.33E+04	-3.57E+05	3.51E+05
1/10	-62.2	-3.59E+04	3.52E+04	-3.58E+04	3.51E+04	-3.58E+05	3.51E+05

Table R-1570. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-10.4	-6.01E+03	5.88E+03	-5.99E+03	5.86E+03	-3.59E+05	3.52E+05
1/20	-31.1	-1.80E+04	1.76E+04	-1.79E+04	1.75E+04	-3.58E+05	3.51E+05
1/15	-375.	-2.44E+04	2.30E+04	-2.43E+04	2.29E+04	-3.59E+05	3.49E+05
1/10	-6.50E+03	-1.80E+04	1.32E+04	-1.78E+04	1.24E+04	-1.13E+05	1.89E+05

Table R-1571. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-0.463	-3.99E+03	3.99E+03	-3.98E+03	3.98E+03	-2.39E+05	2.39E+05
1/20	-1.39	-1.20E+04	1.20E+04	-1.20E+04	1.20E+04	-2.39E+05	2.39E+05
1/15	-1.85	-1.60E+04	1.60E+04	-1.59E+04	1.59E+04	-2.39E+05	2.39E+05
1/10	-2.78	-2.40E+04	2.40E+04	-2.39E+04	2.39E+04	-2.39E+05	2.39E+05

Table R-1572. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-5.24E+03	-1.23E+04	1.80E+03	-1.23E+04	1.79E+03	-4.23E+05	4.22E+05
1/20	-9.26E+03	-3.05E+04	1.19E+04	-3.05E+04	1.18E+04	-4.24E+05	4.22E+05
1/15	-1.28E+04	-4.11E+04	1.54E+04	-4.11E+04	1.54E+04	-4.25E+05	4.22E+05
1/10	-2.28E+04	-6.54E+04	1.94E+04	-6.54E+04	1.93E+04	-4.26E+05	4.22E+05

Table R-1573. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-5.24E+03	-1.23E+04	1.80E+03	-1.23E+04	1.79E+03	-4.23E+05	4.22E+05
1/20	-9.26E+03	-3.05E+04	1.19E+04	-3.05E+04	1.18E+04	-4.24E+05	4.22E+05
1/15	-1.28E+04	-4.11E+04	1.54E+04	-4.11E+04	1.54E+04	-4.25E+05	4.22E+05
1/10	-2.28E+04	-6.54E+04	1.94E+04	-6.54E+04	1.93E+04	-4.26E+05	4.21E+05

Table R-1574. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-5.30E+03	-1.11E+04	429.	-1.10E+04	400.	-3.44E+05	3.42E+05
1/20	-8.67E+03	-2.60E+04	8.69E+03	-2.58E+04	8.63E+03	-3.42E+05	3.46E+05
1/15	-1.09E+04	-3.32E+04	1.25E+04	-3.32E+04	1.22E+04	-3.34E+05	3.46E+05
1/10	-3.57E+03	-6.40E+04	9.12E+04	-4.21E+04	2.15E+04	-3.86E+05	2.50E+05

Table R-1575. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1576. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-432.	-7.80E+03	7.19E+03	-7.73E+03	7.11E+03	-4.38E+05	4.53E+05
1/20	-4.23E+03	-2.57E+04	1.98E+04	-2.55E+04	1.95E+04	-4.25E+05	4.75E+05
1/15	-6.87E+03	-3.60E+04	2.52E+04	-3.58E+04	2.49E+04	-4.34E+05	4.77E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

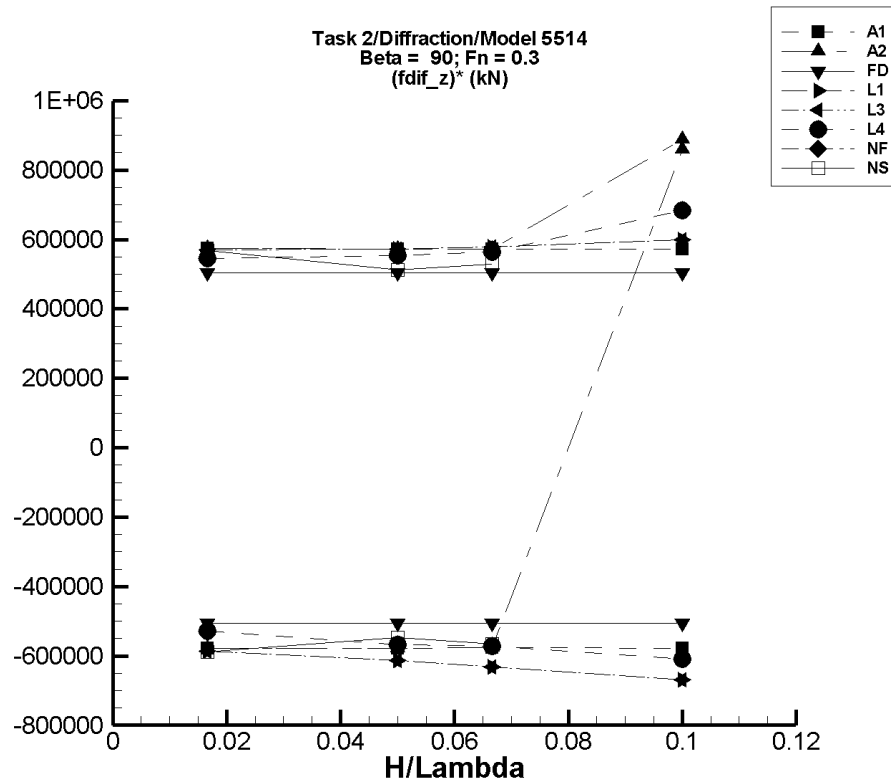


Figure R-198. Minimum and Maximum of $(F_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1577. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	91.3	-9.91E+03	1.02E+04	-9.56E+03	9.66E+03	-5.79E+05	5.74E+05
1/20	273.	-2.96E+04	3.06E+04	-2.86E+04	2.89E+04	-5.77E+05	5.72E+05
1/15	364.	-3.95E+04	4.08E+04	-3.81E+04	3.85E+04	-5.77E+05	5.72E+05
1/10	546.	-5.93E+04	6.13E+04	-5.72E+04	5.78E+04	-5.77E+05	5.72E+05

Table R-1578. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	91.3	-9.91E+03	1.02E+04	-9.56E+03	9.66E+03	-5.79E+05	5.74E+05
1/20	273.	-2.96E+04	3.06E+04	-2.86E+04	2.89E+04	-5.77E+05	5.72E+05
1/15	364.	-3.95E+04	4.08E+04	-3.81E+04	3.85E+04	-5.77E+05	5.72E+05
1/10	-1.24E+05	-3.79E+04	-3.48E+04	-3.79E+04	-3.48E+04	8.58E+05	8.89E+05

Table R-1579. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	0.143	-8.51E+03	8.51E+03	-8.43E+03	8.41E+03	-5.06E+05	5.05E+05
1/20	0.430	-2.55E+04	2.55E+04	-2.53E+04	2.52E+04	-5.06E+05	5.05E+05
1/15	0.573	-3.40E+04	3.40E+04	-3.37E+04	3.37E+04	-5.06E+05	5.05E+05
1/10	0.862	-5.11E+04	5.10E+04	-5.06E+04	5.05E+04	-5.06E+05	5.05E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-1580. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-5.33E+03	-1.51E+04	4.22E+03	-1.51E+04	4.18E+03	-5.86E+05	5.71E+05
1/20	-9.98E+03	-4.08E+04	1.87E+04	-4.07E+04	1.86E+04	-6.14E+05	5.72E+05
1/15	-1.40E+04	-5.63E+04	2.47E+04	-5.61E+04	2.45E+04	-6.31E+05	5.78E+05
1/10	-2.56E+04	-9.29E+04	3.46E+04	-9.25E+04	3.43E+04	-6.68E+05	5.99E+05

Table R-1581. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-5.33E+03	-1.51E+04	4.22E+03	-1.51E+04	4.18E+03	-5.86E+05	5.71E+05
1/20	-9.98E+03	-4.08E+04	1.87E+04	-4.07E+04	1.86E+04	-6.14E+05	5.72E+05
1/15	-1.40E+04	-5.63E+04	2.46E+04	-5.61E+04	2.45E+04	-6.31E+05	5.78E+05
1/10	-2.56E+04	-9.29E+04	3.46E+04	-9.25E+04	3.43E+04	-6.68E+05	5.99E+05

Table R-1582. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-5.49E+03	-1.44E+04	3.65E+03	-1.43E+04	3.58E+03	-5.29E+05	5.45E+05
1/20	-1.11E+04	-3.96E+04	1.72E+04	-3.94E+04	1.67E+04	-5.67E+05	5.55E+05
1/15	-1.51E+04	-5.35E+04	2.30E+04	-5.32E+04	2.26E+04	-5.72E+05	5.65E+05
1/10	-1.43E+04	-1.92E+05	6.18E+05	-7.52E+04	5.42E+04	-6.09E+05	6.84E+05

Table R-1583. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1584. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-722.	-1.06E+04	8.86E+03	-1.05E+04	8.76E+03	-5.88E+05	5.69E+05
1/20	-4.64E+03	-3.24E+04	2.14E+04	-3.20E+04	2.10E+04	-5.46E+05	5.13E+05
1/15	-8.21E+03	-4.63E+04	2.74E+04	-4.59E+04	2.70E+04	-5.65E+05	5.29E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

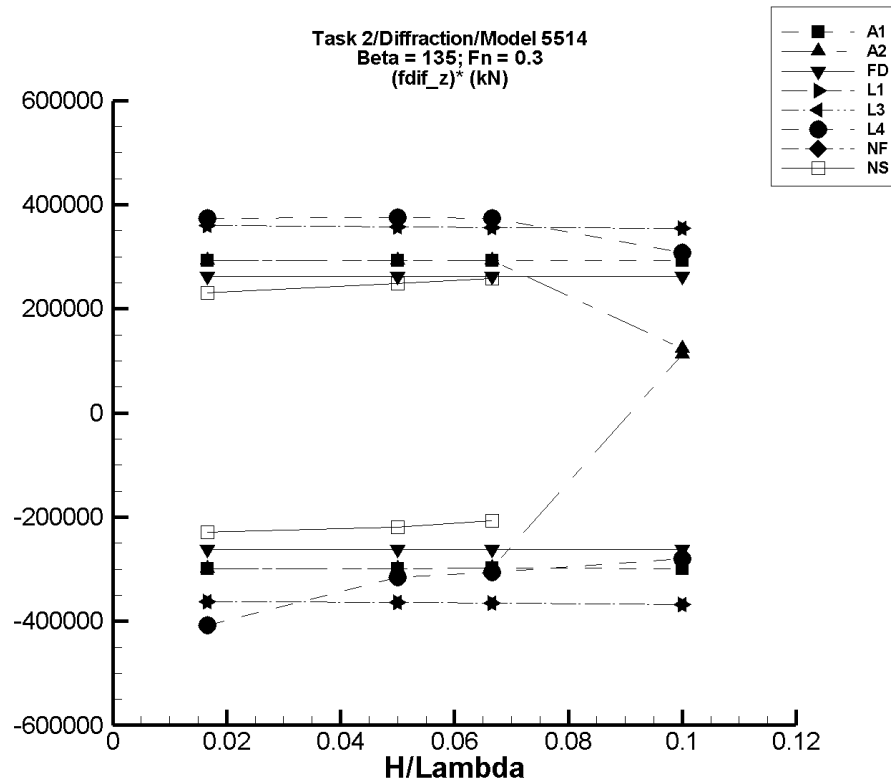


Figure R-199. Minimum and Maximum of $(F_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1585. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	5.61	-5.12E+03	5.02E+03	-4.98E+03	4.89E+03	-2.99E+05	2.93E+05
1/20	16.8	-1.53E+04	1.50E+04	-1.49E+04	1.46E+04	-2.99E+05	2.92E+05
1/15	22.4	-2.04E+04	2.00E+04	-1.99E+04	1.95E+04	-2.98E+05	2.92E+05
1/10	33.6	-3.06E+04	3.00E+04	-2.98E+04	2.93E+04	-2.99E+05	2.92E+05

Table R-1586. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	5.61	-5.12E+03	5.02E+03	-4.98E+03	4.89E+03	-2.99E+05	2.93E+05
1/20	16.8	-1.53E+04	1.50E+04	-1.49E+04	1.46E+04	-2.99E+05	2.92E+05
1/15	22.4	-2.04E+04	2.00E+04	-1.99E+04	1.95E+04	-2.98E+05	2.92E+05
1/10	1.58E+04	2.70E+04	2.81E+04	2.70E+04	2.81E+04	1.12E+05	1.23E+05

Table R-1587. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-3.12	-4.49E+03	4.49E+03	-4.38E+03	4.38E+03	-2.63E+05	2.63E+05
1/20	-9.37	-1.35E+04	1.35E+04	-1.31E+04	1.31E+04	-2.63E+05	2.63E+05
1/15	-12.5	-1.80E+04	1.80E+04	-1.75E+04	1.75E+04	-2.63E+05	2.63E+05
1/10	-18.7	-2.70E+04	2.70E+04	-2.63E+04	2.63E+04	-2.63E+05	2.63E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-1588. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-5.15E+03	-1.12E+04	916.	-1.12E+04	860.	-3.62E+05	3.60E+05
1/20	-8.41E+03	-2.68E+04	9.65E+03	-2.66E+04	9.48E+03	-3.64E+05	3.58E+05
1/15	-1.13E+04	-3.59E+04	1.27E+04	-3.56E+04	1.25E+04	-3.66E+05	3.57E+05
1/10	-1.94E+04	-5.66E+04	1.63E+04	-5.62E+04	1.60E+04	-3.68E+05	3.54E+05

Table R-1589. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-5.15E+03	-1.12E+04	916.	-1.12E+04	860.	-3.62E+05	3.60E+05
1/20	-8.41E+03	-2.68E+04	9.65E+03	-2.66E+04	9.48E+03	-3.64E+05	3.58E+05
1/15	-1.13E+04	-3.59E+04	1.27E+04	-3.56E+04	1.25E+04	-3.66E+05	3.57E+05
1/10	-1.94E+04	-5.66E+04	1.63E+04	-5.62E+04	1.60E+04	-3.68E+05	3.54E+05

Table R-1590. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-5.63E+03	-1.25E+04	662.	-1.24E+04	589.	-4.08E+05	3.73E+05
1/20	-1.17E+04	-2.77E+04	7.59E+03	-2.75E+04	7.04E+03	-3.16E+05	3.75E+05
1/15	-1.61E+04	-3.67E+04	1.04E+04	-3.65E+04	8.77E+03	-3.06E+05	3.73E+05
1/10	-2.05E+04	-4.93E+04	2.06E+04	-4.85E+04	1.02E+04	-2.80E+05	3.07E+05

Table R-1591. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1592. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-531.	-4.41E+03	3.36E+03	-4.34E+03	3.32E+03	-2.29E+05	2.31E+05
1/20	-4.18E+03	-1.53E+04	8.46E+03	-1.51E+04	8.23E+03	-2.19E+05	2.48E+05
1/15	-7.29E+03	-2.13E+04	1.03E+04	-2.11E+04	9.94E+03	-2.07E+05	2.59E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

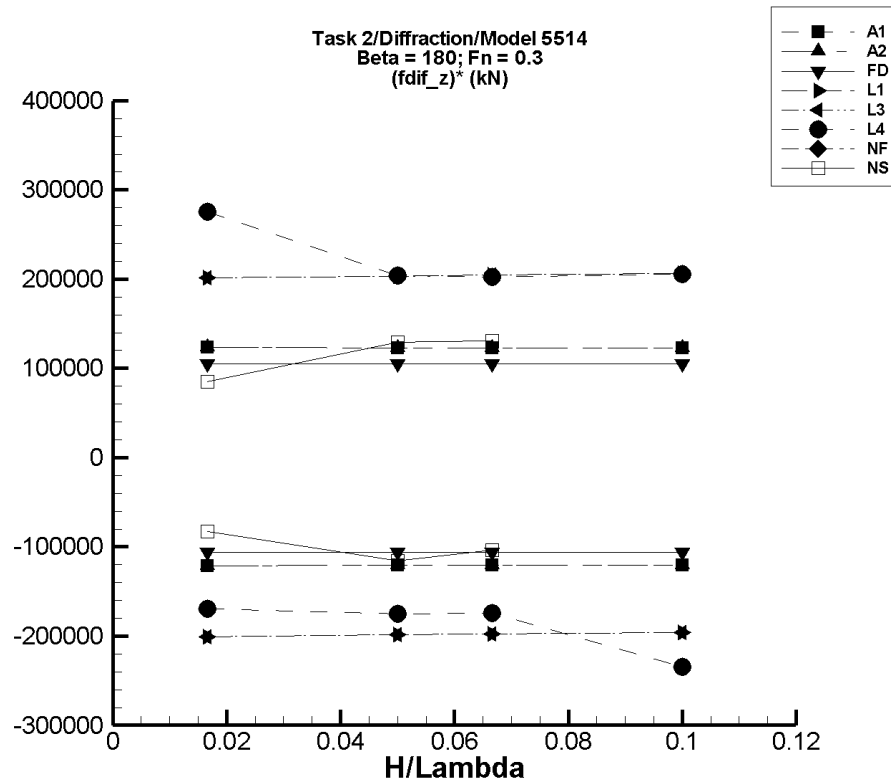


Figure R-200. Minimum and Maximum of $(F_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1593. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif} Min. (kN)	Unfiltered F_z^{dif} Max. (kN)	Filtered F_z^{dif} Min. (kN)	Filtered F_z^{dif} Max. (kN)	Filtered $(F_z^{\text{dif}})^*$ Min. (kN)	Filtered $(F_z^{\text{dif}})^*$ Max. (kN)
1/60	31.2	-2.06E+03	2.16E+03	-1.98E+03	2.09E+03	-1.21E+05	1.23E+05
1/20	93.4	-6.15E+03	6.47E+03	-5.94E+03	6.25E+03	-1.21E+05	1.23E+05
1/15	124.	-8.19E+03	8.61E+03	-7.90E+03	8.32E+03	-1.20E+05	1.23E+05
1/10	187.	-1.23E+04	1.29E+04	-1.19E+04	1.25E+04	-1.21E+05	1.23E+05

Table R-1594. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif} Min. (kN)	Unfiltered F_z^{dif} Max. (kN)	Filtered F_z^{dif} Min. (kN)	Filtered F_z^{dif} Max. (kN)	Filtered $(F_z^{\text{dif}})^*$ Min. (kN)	Filtered $(F_z^{\text{dif}})^*$ Max. (kN)
1/60	31.2	-2.06E+03	2.16E+03	-1.98E+03	2.09E+03	-1.21E+05	1.23E+05
1/20	93.4	-6.15E+03	6.47E+03	-5.94E+03	6.25E+03	-1.21E+05	1.23E+05
1/15	124.	-8.19E+03	8.61E+03	-7.90E+03	8.32E+03	-1.20E+05	1.23E+05
1/10	187.	-1.23E+04	1.29E+04	-1.19E+04	1.25E+04	-1.21E+05	1.23E+05

Table R-1595. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif} Min. (kN)	Unfiltered F_z^{dif} Max. (kN)	Filtered F_z^{dif} Min. (kN)	Filtered F_z^{dif} Max. (kN)	Filtered $(F_z^{\text{dif}})^*$ Min. (kN)	Filtered $(F_z^{\text{dif}})^*$ Max. (kN)
1/60	5.69	-1.82E+03	1.82E+03	-1.76E+03	1.76E+03	-1.06E+05	1.05E+05
1/20	17.1	-5.47E+03	5.47E+03	-5.29E+03	5.29E+03	-1.06E+05	1.05E+05
1/15	22.7	-7.29E+03	7.30E+03	-7.05E+03	7.05E+03	-1.06E+05	1.05E+05
1/10	34.1	-1.09E+04	1.09E+04	-1.06E+04	1.06E+04	-1.06E+05	1.05E+05

Table R–1596. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-5.00E+03	-8.39E+03	-1.60E+03	-8.35E+03	-1.64E+03	-2.01E+05	2.01E+05
1/20	-7.13E+03	-1.72E+04	3.18E+03	-1.71E+04	3.05E+03	-1.99E+05	2.04E+05
1/15	-9.00E+03	-2.23E+04	4.82E+03	-2.22E+04	4.64E+03	-1.98E+05	2.05E+05
1/10	-1.43E+04	-3.41E+04	6.60E+03	-3.39E+04	6.32E+03	-1.96E+05	2.07E+05

Table R–1597. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-5.00E+03	-8.39E+03	-1.60E+03	-8.35E+03	-1.64E+03	-2.01E+05	2.01E+05
1/20	-7.13E+03	-1.72E+04	3.18E+03	-1.71E+04	3.05E+03	-1.99E+05	2.04E+05
1/15	-9.00E+03	-2.23E+04	4.82E+03	-2.22E+04	4.64E+03	-1.98E+05	2.05E+05
1/10	-1.43E+04	-3.41E+04	6.60E+03	-3.39E+04	6.32E+03	-1.96E+05	2.07E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-1598. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-5.65E+03	-8.58E+03	-970.	-8.47E+03	-1.05E+03	-1.69E+05	2.76E+05
1/20	-1.07E+04	-2.01E+04	-109.	-1.95E+04	-550.	-1.75E+05	2.04E+05
1/15	-1.44E+04	-2.73E+04	890.	-2.60E+04	-951.	-1.74E+05	2.02E+05
1/10	-2.28E+04	-7.01E+04	6.43E+03	-4.62E+04	-2.20E+03	-2.34E+05	2.06E+05

Table R-1599. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1600. Minimum and Maximum of F_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle F_z^{\text{dif}} \rangle$ Mean (kN)	Unfiltered F_z^{dif}		Filtered F_z^{dif}		Filtered $(F_z^{\text{dif}})^*$	
		Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)	Min. (kN)	Max. (kN)
1/60	-498.	-1.91E+03	942.	-1.88E+03	922.	-8.29E+04	8.52E+04
1/20	-3.58E+03	-9.45E+03	2.99E+03	-9.34E+03	2.89E+03	-1.15E+05	1.29E+05
1/15	-5.63E+03	-1.28E+04	3.37E+03	-1.26E+04	3.09E+03	-1.04E+05	1.31E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

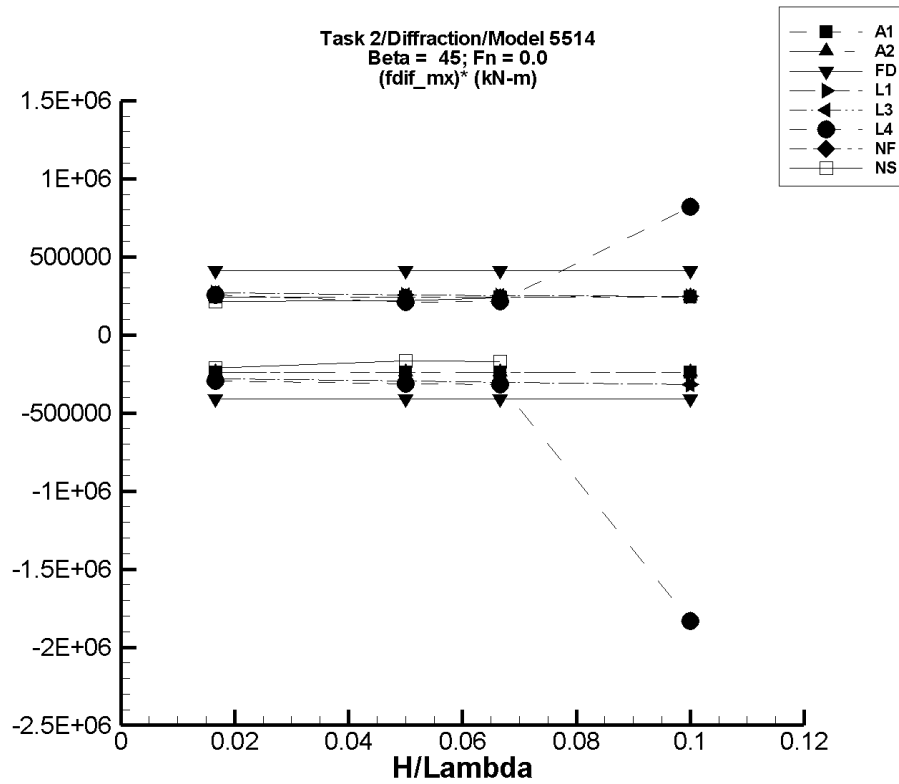


Figure R-201. Minimum and Maximum of $(M_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

Table R-1601. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	$(M_x^{\text{dif}})^*$ Max. (kN-m)
1/60	2.22	-4.05E+03	4.06E+03	-4.01E+03	4.02E+03	-2.41E+05	2.41E+05
1/20	6.65	-1.21E+04	1.21E+04	-1.20E+04	1.20E+04	-2.40E+05	2.40E+05
1/15	8.86	-1.61E+04	1.62E+04	-1.60E+04	1.60E+04	-2.40E+05	2.40E+05
1/10	13.3	-2.42E+04	2.43E+04	-2.40E+04	2.40E+04	-2.40E+05	2.40E+05

Table R-1602. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	$(M_x^{\text{dif}})^*$ Max. (kN-m)
1/60	2.22	-4.05E+03	4.06E+03	-4.01E+03	4.02E+03	-2.41E+05	2.41E+05
1/20	6.65	-1.21E+04	1.21E+04	-1.20E+04	1.20E+04	-2.40E+05	2.40E+05
1/15	8.86	-1.61E+04	1.62E+04	-1.60E+04	1.60E+04	-2.40E+05	2.40E+05
1/10	-88.8	-2.46E+04	2.48E+04	-2.43E+04	2.45E+04	-2.42E+05	2.46E+05

Table R-1603. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	$(M_x^{\text{dif}})^*$ Max. (kN-m)
1/60	-3.22E-02	-6.92E+03	6.92E+03	-6.84E+03	6.84E+03	-4.10E+05	4.11E+05
1/20	-9.66E-02	-2.08E+04	2.08E+04	-2.05E+04	2.05E+04	-4.10E+05	4.11E+05
1/15	-0.129	-2.77E+04	2.77E+04	-2.74E+04	2.74E+04	-4.10E+05	4.11E+05
1/10	-0.193	-4.15E+04	4.15E+04	-4.10E+04	4.11E+04	-4.10E+05	4.11E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-1604. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered $(M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	405.	-4.30E+03	4.88E+03	-4.28E+03	4.87E+03	-2.81E+05	2.68E+05
1/20	3.65E+03	-1.12E+04	1.65E+04	-1.11E+04	1.65E+04	-2.95E+05	2.57E+05
1/15	6.50E+03	-1.38E+04	2.34E+04	-1.36E+04	2.33E+04	-3.02E+05	2.53E+05
1/10	1.46E+04	-1.72E+04	3.94E+04	-1.71E+04	3.93E+04	-3.17E+05	2.47E+05

Table R-1605. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered $(M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	405.	-4.30E+03	4.88E+03	-4.28E+03	4.87E+03	-2.81E+05	2.68E+05
1/20	3.65E+03	-1.12E+04	1.65E+04	-1.11E+04	1.65E+04	-2.95E+05	2.57E+05
1/15	6.50E+03	-1.38E+04	2.34E+04	-1.36E+04	2.33E+04	-3.02E+05	2.53E+05
1/10	1.46E+04	-1.72E+04	3.94E+04	-1.71E+04	3.93E+04	-3.17E+05	2.47E+05

Table R-1606. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered $(M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-218.	-5.38E+03	4.30E+03	-5.14E+03	4.07E+03	-2.96E+05	2.57E+05
1/20	-2.80E+03	-1.96E+04	8.66E+03	-1.84E+04	7.79E+03	-3.12E+05	2.12E+05
1/15	-6.24E+03	-2.89E+04	8.91E+03	-2.74E+04	8.11E+03	-3.18E+05	2.15E+05
1/10	-5.93E+04	-4.15E+05	1.85E+05	-2.42E+05	2.29E+04	-1.83E+06	8.22E+05

Table R-1607. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1608. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-388.	-3.98E+03	3.30E+03	-3.94E+03	3.22E+03	-2.13E+05	2.16E+05
1/20	-4.07E+03	-1.25E+04	7.10E+03	-1.24E+04	6.84E+03	-1.67E+05	2.18E+05
1/15	-8.76E+03	-2.05E+04	7.57E+03	-2.03E+04	7.06E+03	-1.73E+05	2.37E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

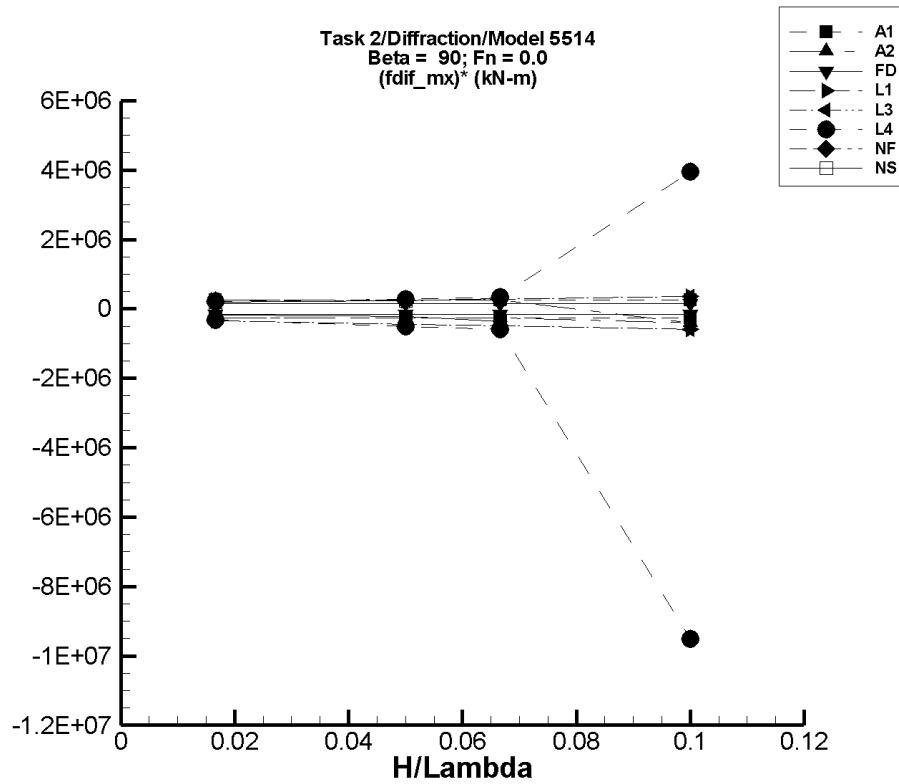


Figure R-202. Minimum and Maximum of $(M_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

Table R-1609. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	6.81	-4.24E+03	4.23E+03	-4.20E+03	4.18E+03	-2.52E+05	2.51E+05
1/20	20.4	-1.27E+04	1.27E+04	-1.26E+04	1.25E+04	-2.51E+05	2.50E+05
1/15	27.1	-1.69E+04	1.69E+04	-1.67E+04	1.67E+04	-2.51E+05	2.50E+05
1/10	40.8	-2.54E+04	2.53E+04	-2.51E+04	2.50E+04	-2.51E+05	2.50E+05

Table R-1610. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	6.81	-4.24E+03	4.23E+03	-4.20E+03	4.18E+03	-2.52E+05	2.51E+05
1/20	20.4	-1.27E+04	1.27E+04	-1.26E+04	1.25E+04	-2.51E+05	2.50E+05
1/15	27.1	-1.69E+04	1.69E+04	-1.67E+04	1.67E+04	-2.51E+05	2.50E+05
1/10	2.63E+04	-1.51E+04	-1.39E+04	-1.51E+04	-1.39E+04	-4.14E+05	-4.02E+05

Table R-1611. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	2.73E-02	-2.55E+03	2.55E+03	-2.57E+03	2.52E+03	-1.54E+05	1.51E+05
1/20	8.17E-02	-7.64E+03	7.64E+03	-7.70E+03	7.56E+03	-1.54E+05	1.51E+05
1/15	0.110	-1.02E+04	1.02E+04	-1.03E+04	1.01E+04	-1.54E+05	1.51E+05
1/10	0.163	-1.53E+04	1.53E+04	-1.54E+04	1.51E+04	-1.54E+05	1.51E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-1612. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered $(M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	789.	-5.07E+03	5.05E+03	-5.04E+03	5.04E+03	-3.50E+05	2.55E+05
1/20	7.10E+03	-1.54E+04	1.94E+04	-1.52E+04	1.93E+04	-4.47E+05	2.44E+05
1/15	1.26E+04	-2.07E+04	3.11E+04	-2.04E+04	3.09E+04	-4.95E+05	2.75E+05
1/10	2.84E+04	-3.14E+04	6.43E+04	-3.08E+04	6.38E+04	-5.92E+05	3.54E+05

Table R-1613. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered $(M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	789.	-5.07E+03	5.05E+03	-5.04E+03	5.04E+03	-3.50E+05	2.55E+05
1/20	7.10E+03	-1.54E+04	1.94E+04	-1.52E+04	1.93E+04	-4.47E+05	2.44E+05
1/15	1.26E+04	-2.07E+04	3.11E+04	-2.04E+04	3.09E+04	-4.95E+05	2.75E+05
1/10	2.84E+04	-3.14E+04	6.43E+04	-3.08E+04	6.38E+04	-5.92E+05	3.54E+05

Table R-1614. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered $(M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-257.	-6.69E+03	3.57E+03	-5.49E+03	3.23E+03	-3.14E+05	2.09E+05
1/20	-6.07E+03	-3.39E+04	8.61E+03	-3.14E+04	8.22E+03	-5.06E+05	2.86E+05
1/15	-1.37E+04	-6.13E+04	1.07E+04	-5.31E+04	9.27E+03	-5.92E+05	3.44E+05
1/10	-9.48E+04	-3.07E+06	2.78E+05	-1.05E+06	3.01E+05	-9.52E+06	3.95E+06

Table R-1615. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1616. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-567.	-3.67E+03	2.59E+03	-3.61E+03	2.56E+03	-1.82E+05	1.87E+05
1/20	-5.73E+03	-1.67E+04	6.08E+03	-1.64E+04	5.76E+03	-2.14E+05	2.30E+05
1/15	-1.21E+04	-3.78E+04	7.73E+03	-3.65E+04	7.24E+03	-3.66E+05	2.90E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

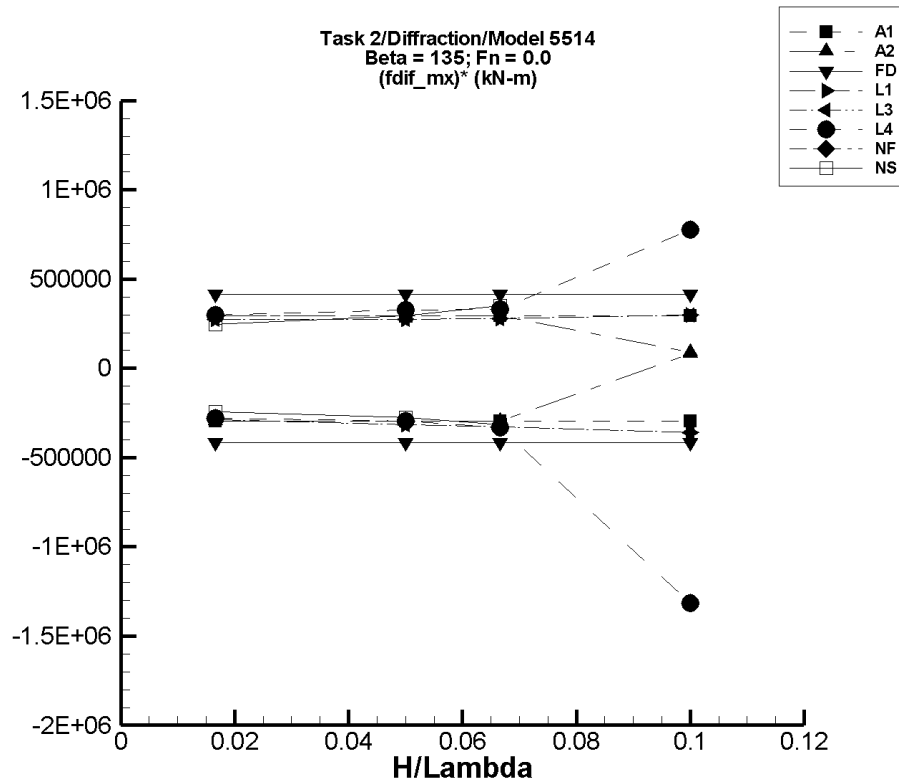


Figure R-203. Minimum and Maximum of $(M_x^{dif})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

Table R-1617. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered $(M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	4.28	-5.00E+03	5.00E+03	-4.95E+03	4.94E+03	-2.97E+05	2.96E+05
1/20	12.8	-1.50E+04	1.49E+04	-1.48E+04	1.48E+04	-2.96E+05	2.95E+05
1/15	17.1	-1.99E+04	1.99E+04	-1.97E+04	1.97E+04	-2.96E+05	2.95E+05
1/10	25.6	-2.99E+04	2.99E+04	-2.96E+04	2.95E+04	-2.96E+05	2.95E+05

Table R-1618. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered $(M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	4.28	-5.00E+03	5.00E+03	-4.95E+03	4.94E+03	-2.97E+05	2.96E+05
1/20	12.8	-1.50E+04	1.49E+04	-1.48E+04	1.48E+04	-2.96E+05	2.95E+05
1/15	17.1	-1.99E+04	1.99E+04	-1.97E+04	1.97E+04	-2.96E+05	2.95E+05
1/10	-9.05E+03	-1.05E+03	127.	-1.05E+03	127.	7.99E+04	9.17E+04

Table R-1619. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered $(M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	0.228	-7.03E+03	7.03E+03	-6.95E+03	6.95E+03	-4.17E+05	4.17E+05
1/20	0.685	-2.11E+04	2.11E+04	-2.09E+04	2.09E+04	-4.17E+05	4.17E+05
1/15	0.913	-2.81E+04	2.81E+04	-2.78E+04	2.78E+04	-4.17E+05	4.17E+05
1/10	1.37	-4.22E+04	4.22E+04	-4.17E+04	4.17E+04	-4.17E+05	4.17E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-1620. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered $(M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	417.	-4.43E+03	5.00E+03	-4.41E+03	4.99E+03	-2.89E+05	2.74E+05
1/20	3.75E+03	-1.20E+04	1.75E+04	-1.20E+04	1.75E+04	-3.14E+05	2.75E+05
1/15	6.67E+03	-1.53E+04	2.55E+04	-1.52E+04	2.54E+04	-3.28E+05	2.80E+05
1/10	1.50E+04	-2.11E+04	4.51E+04	-2.08E+04	4.49E+04	-3.58E+05	2.99E+05

Table R-1621. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered $(M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	417.	-4.43E+03	5.00E+03	-4.41E+03	4.99E+03	-2.89E+05	2.74E+05
1/20	3.75E+03	-1.20E+04	1.75E+04	-1.20E+04	1.75E+04	-3.14E+05	2.75E+05
1/15	6.67E+03	-1.53E+04	2.55E+04	-1.52E+04	2.54E+04	-3.28E+05	2.80E+05
1/10	1.50E+04	-2.11E+04	4.51E+04	-2.08E+04	4.49E+04	-3.58E+05	2.99E+05

Table R-1622. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered $(M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-131.	-5.00E+03	5.07E+03	-4.78E+03	4.85E+03	-2.79E+05	2.99E+05
1/20	-2.35E+03	-1.82E+04	1.52E+04	-1.71E+04	1.39E+04	-2.96E+05	3.25E+05
1/15	-5.56E+03	-2.89E+04	1.77E+04	-2.78E+04	1.65E+04	-3.34E+05	3.31E+05
1/10	-5.28E+04	-5.50E+05	8.71E+04	-1.84E+05	2.49E+04	-1.31E+06	7.77E+05

Table R-1623. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1624. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-386.	-4.52E+03	3.81E+03	-4.45E+03	3.73E+03	-2.44E+05	2.47E+05
1/20	-4.04E+03	-1.83E+04	1.12E+04	-1.79E+04	1.08E+04	-2.77E+05	2.96E+05
1/15	-8.74E+03	-3.03E+04	1.50E+04	-2.98E+04	1.46E+04	-3.16E+05	3.51E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

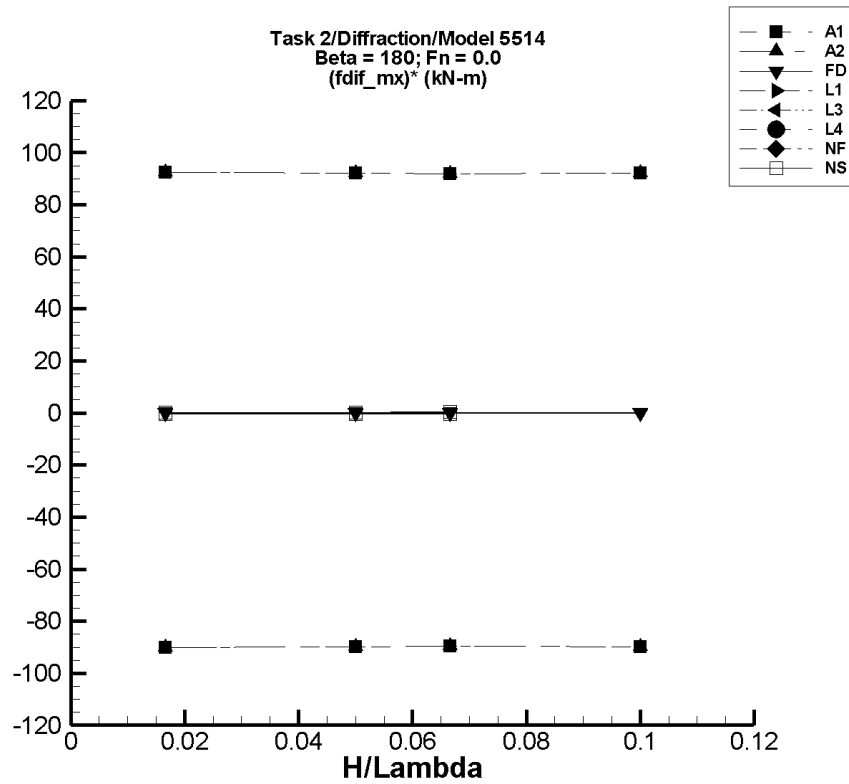


Figure R-204. Minimum and Maximum of $(M_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

Table R-1625. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-3.71E-03	-1.53	1.55	-1.51	1.54	-90.1	92.4
1/20	-1.11E-02	-4.57	4.65	-4.50	4.59	-89.8	92.1
1/15	-1.48E-02	-6.08	6.19	-6.00	6.12	-89.7	92.0
1/10	-2.22E-02	-9.14	9.30	-9.01	9.19	-89.8	92.1

Table R-1626. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-3.71E-03	-1.53	1.55	-1.51	1.54	-90.1	92.4
1/20	-1.11E-02	-4.57	4.65	-4.50	4.59	-89.8	92.1
1/15	-1.48E-02	-6.08	6.19	-6.00	6.12	-89.7	92.0
1/10	-2.22E-02	-9.14	9.30	-9.01	9.19	-89.8	92.1

Table R-1627. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-2.13E-08	-8.13E-04	8.13E-04	-8.04E-04	8.05E-04	-4.82E-02	4.83E-02
1/20	-6.40E-08	-2.44E-03	2.44E-03	-2.41E-03	2.41E-03	-4.82E-02	4.83E-02
1/15	-8.52E-08	-3.25E-03	3.25E-03	-3.22E-03	3.22E-03	-4.82E-02	4.83E-02
1/10	-1.28E-07	-4.88E-03	4.88E-03	-4.82E-03	4.83E-03	-4.82E-02	4.83E-02

TASK 2/DIFFRACTION/MODEL 5514

Table R-1628. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{dif}} \rangle$	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1629. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{dif}} \rangle$	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1630. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{dif}} \rangle$	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1631. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1632. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	6.08E-05	-9.49E-02	8.66E-02	-5.03E-03	4.08E-03	-0.306	0.241
1/20	1.71E-04	-0.333	0.350	-1.46E-02	1.11E-02	-0.296	0.218
1/15	9.64E-04	-0.374	0.351	-2.18E-02	2.37E-02	-0.342	0.340
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

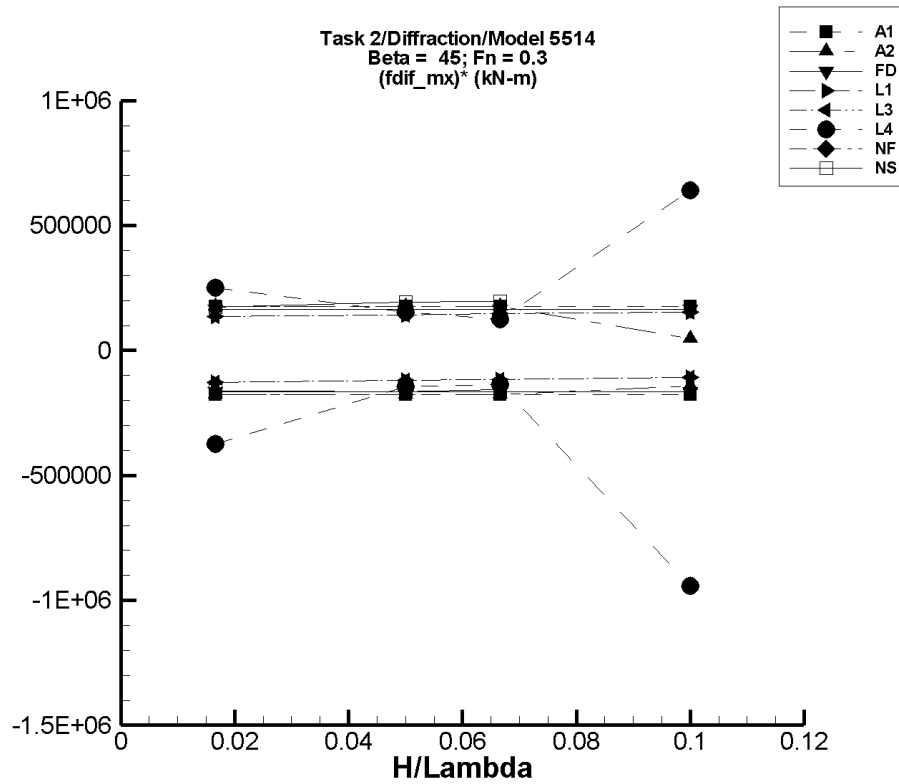


Figure R-205. Minimum and Maximum of $(M_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

Table R-1633. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered $(M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	3.83	-2.95E+03	2.95E+03	-2.94E+03	2.94E+03	-1.77E+05	1.76E+05
1/20	11.5	-8.84E+03	8.84E+03	-8.81E+03	8.81E+03	-1.76E+05	1.76E+05
1/15	15.3	-1.18E+04	1.18E+04	-1.17E+04	1.17E+04	-1.76E+05	1.76E+05
1/10	22.9	-1.77E+04	1.77E+04	-1.76E+04	1.76E+04	-1.76E+05	1.76E+05

Table R-1634. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered $(M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	3.83	-2.95E+03	2.95E+03	-2.94E+03	2.94E+03	-1.77E+05	1.76E+05
1/20	11.5	-8.84E+03	8.84E+03	-8.81E+03	8.81E+03	-1.76E+05	1.76E+05
1/15	31.1	-1.18E+04	1.18E+04	-1.17E+04	1.17E+04	-1.76E+05	1.75E+05
1/10	1.24E+04	-1.60E+03	1.72E+04	-1.66E+03	1.71E+04	-1.41E+05	4.68E+04

Table R-1635. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered $(M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-1.15	-2.74E+03	2.74E+03	-2.74E+03	2.74E+03	-1.64E+05	1.64E+05
1/20	-3.45	-8.23E+03	8.23E+03	-8.21E+03	8.21E+03	-1.64E+05	1.64E+05
1/15	-4.60	-1.10E+04	1.10E+04	-1.09E+04	1.09E+04	-1.64E+05	1.64E+05
1/10	-6.91	-1.65E+04	1.65E+04	-1.64E+04	1.64E+04	-1.64E+05	1.64E+05

Table R-1636. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered ($M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	655.	-1.46E+03	2.90E+03	-1.46E+03	2.90E+03	-1.27E+05	1.35E+05
1/20	5.90E+03	-46.4	1.30E+04	-42.5	1.30E+04	-1.19E+05	1.43E+05
1/15	1.05E+04	2.83E+03	2.03E+04	2.83E+03	2.03E+04	-1.15E+05	1.47E+05
1/10	2.36E+04	1.29E+04	3.91E+04	1.29E+04	3.91E+04	-1.07E+05	1.55E+05

Table R-1637. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered ($M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	655.	-1.46E+03	2.90E+03	-1.46E+03	2.90E+03	-1.27E+05	1.35E+05
1/20	5.90E+03	-46.5	1.30E+04	-42.6	1.30E+04	-1.19E+05	1.43E+05
1/15	1.05E+04	2.83E+03	2.03E+04	2.83E+03	2.03E+04	-1.15E+05	1.47E+05
1/10	2.36E+04	1.29E+04	3.91E+04	1.29E+04	3.91E+04	-1.07E+05	1.55E+05

Table R-1638. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered ($M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	0.465	-6.55E+03	4.57E+03	-6.24E+03	4.19E+03	-3.75E+05	2.51E+05
1/20	-2.01E+03	-9.62E+03	6.09E+03	-9.30E+03	5.66E+03	-1.46E+05	1.53E+05
1/15	-5.49E+03	-1.51E+04	6.43E+03	-1.45E+04	2.82E+03	-1.36E+05	1.25E+05
1/10	-4.52E+04	-5.19E+05	1.39E+05	-1.39E+05	1.89E+04	-9.42E+05	6.42E+05

Table R-1639. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1640. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-354.	-3.12E+03	2.59E+03	-3.08E+03	2.56E+03	-1.63E+05	1.75E+05
1/20	-2.96E+03	-1.13E+04	6.85E+03	-1.11E+04	6.71E+03	-1.64E+05	1.93E+05
1/15	-5.31E+03	-1.60E+04	7.90E+03	-1.57E+04	7.72E+03	-1.56E+05	1.96E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

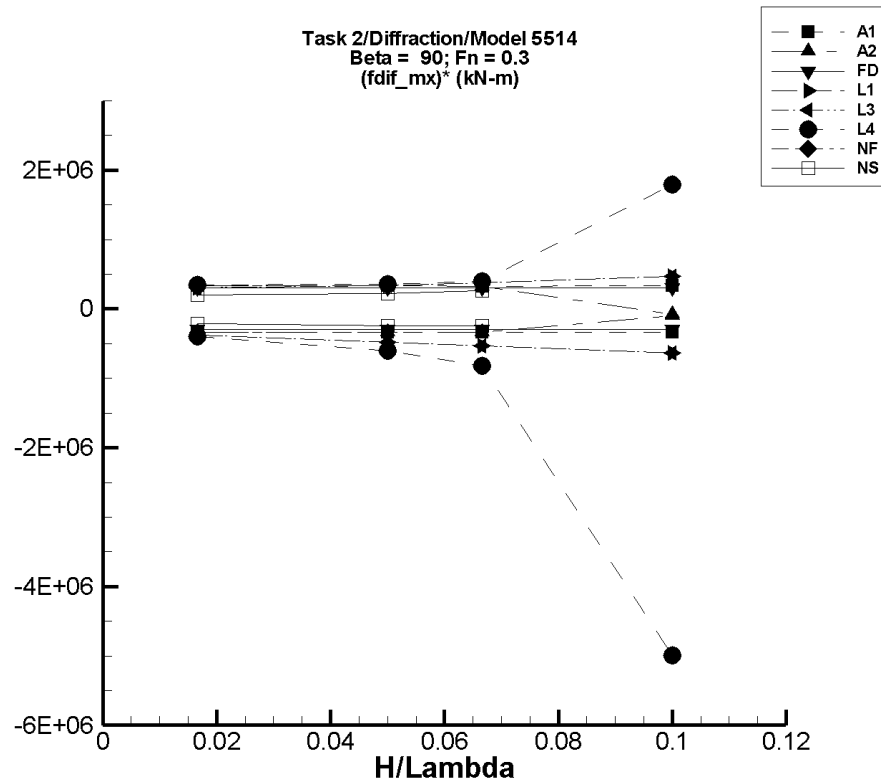


Figure R-206. Minimum and Maximum of $(M_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

Table R-1641. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	0.634	-5.58E+03	5.58E+03	-5.55E+03	5.51E+03	-3.33E+05	3.31E+05
1/20	1.90	-1.67E+04	1.67E+04	-1.66E+04	1.65E+04	-3.32E+05	3.30E+05
1/15	2.52	-2.22E+04	2.22E+04	-2.21E+04	2.20E+04	-3.32E+05	3.29E+05
1/10	3.79	-3.34E+04	3.34E+04	-3.32E+04	3.30E+04	-3.32E+05	3.30E+05

Table R-1642. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	0.634	-5.58E+03	5.58E+03	-5.55E+03	5.51E+03	-3.33E+05	3.31E+05
1/20	1.90	-1.67E+04	1.67E+04	-1.66E+04	1.65E+04	-3.32E+05	3.30E+05
1/15	2.52	-2.22E+04	2.22E+04	-2.21E+04	2.20E+04	-3.32E+05	3.29E+05
1/10	1.37E+03	-8.87E+03	-6.75E+03	-8.87E+03	-6.75E+03	-1.02E+05	-8.12E+04

Table R-1643. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	0.161	-5.04E+03	5.04E+03	-4.98E+03	4.99E+03	-2.99E+05	2.99E+05
1/20	0.482	-1.51E+04	1.51E+04	-1.50E+04	1.50E+04	-2.99E+05	2.99E+05
1/15	0.641	-2.02E+04	2.02E+04	-1.99E+04	1.99E+04	-2.99E+05	2.99E+05
1/10	0.963	-3.03E+04	3.02E+04	-2.99E+04	2.99E+04	-2.99E+05	2.99E+05

TASK 2/DIFFRACTION/MODEL 5514

Table R-1644. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered $(M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	626.	-5.71E+03	5.72E+03	-5.68E+03	5.71E+03	-3.78E+05	3.05E+05
1/20	5.61E+03	-1.84E+04	2.26E+04	-1.83E+04	2.25E+04	-4.77E+05	3.37E+05
1/15	9.97E+03	-2.55E+04	3.52E+04	-2.53E+04	3.50E+04	-5.28E+05	3.75E+05
1/10	2.24E+04	-4.13E+04	6.94E+04	-4.07E+04	6.88E+04	-6.31E+05	4.64E+05

Table R-1645. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered $(M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	626.	-5.71E+03	5.72E+03	-5.68E+03	5.71E+03	-3.78E+05	3.05E+05
1/20	5.61E+03	-1.84E+04	2.26E+04	-1.83E+04	2.25E+04	-4.77E+05	3.37E+05
1/15	9.97E+03	-2.55E+04	3.52E+04	-2.53E+04	3.50E+04	-5.28E+05	3.75E+05
1/10	2.24E+04	-4.13E+04	6.94E+04	-4.07E+04	6.88E+04	-6.31E+05	4.64E+05

Table R-1646. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered $(M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-496.	-7.14E+03	5.56E+03	-7.08E+03	5.23E+03	-3.95E+05	3.43E+05
1/20	-6.23E+03	-3.74E+04	1.21E+04	-3.65E+04	1.16E+04	-6.06E+05	3.57E+05
1/15	-1.36E+04	-6.93E+04	1.31E+04	-6.85E+04	1.27E+04	-8.23E+05	3.95E+05
1/10	-4.79E+04	-3.27E+06	4.31E+05	-5.48E+05	1.31E+05	-5.00E+06	1.79E+06

Table R-1647. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1648. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-469.	-4.13E+03	2.98E+03	-4.06E+03	2.92E+03	-2.15E+05	2.03E+05
1/20	-4.60E+03	-1.70E+04	6.61E+03	-1.65E+04	6.33E+03	-2.39E+05	2.19E+05
1/15	-9.60E+03	-2.72E+04	8.27E+03	-2.60E+04	7.84E+03	-2.46E+05	2.62E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

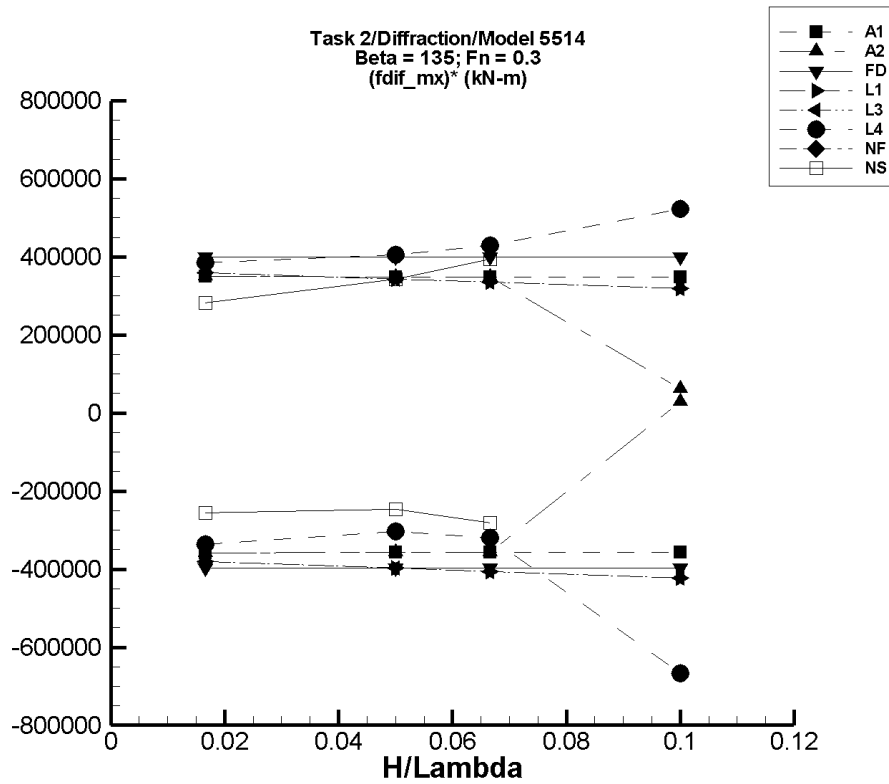


Figure R-207. Minimum and Maximum of $(M_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

Table R-1649. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	$(M_x^{\text{dif}})^*$ Max. (kN-m)
1/60	11.4	-5.97E+03	6.00E+03	-5.96E+03	5.83E+03	-3.58E+05	3.49E+05
1/20	34.1	-1.79E+04	1.79E+04	-1.78E+04	1.75E+04	-3.57E+05	3.48E+05
1/15	45.4	-2.38E+04	2.39E+04	-2.37E+04	2.32E+04	-3.57E+05	3.48E+05
1/10	68.2	-3.57E+04	3.59E+04	-3.57E+04	3.49E+04	-3.57E+05	3.48E+05

Table R-1650. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	$(M_x^{\text{dif}})^*$ Max. (kN-m)
1/60	11.4	-5.97E+03	6.00E+03	-5.96E+03	5.83E+03	-3.58E+05	3.49E+05
1/20	34.1	-1.79E+04	1.79E+04	-1.78E+04	1.75E+04	-3.57E+05	3.48E+05
1/15	45.4	-2.38E+04	2.39E+04	-2.37E+04	2.32E+04	-3.57E+05	3.48E+05
1/10	5.62E+03	8.40E+03	1.17E+04	8.40E+03	1.17E+04	2.78E+04	6.13E+04

Table R-1651. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	$(M_x^{\text{dif}})^*$ Max. (kN-m)
1/60	-3.76	-6.78E+03	6.78E+03	-6.61E+03	6.64E+03	-3.96E+05	3.99E+05
1/20	-11.3	-2.04E+04	2.03E+04	-1.98E+04	1.99E+04	-3.96E+05	3.99E+05
1/15	-15.1	-2.71E+04	2.71E+04	-2.64E+04	2.66E+04	-3.96E+05	3.99E+05
1/10	-22.6	-4.07E+04	4.07E+04	-3.97E+04	3.99E+04	-3.96E+05	3.99E+05

Table R-1652. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered $(M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	426.	-5.92E+03	6.47E+03	-5.91E+03	6.42E+03	-3.80E+05	3.60E+05
1/20	3.79E+03	-1.61E+04	2.11E+04	-1.61E+04	2.10E+04	-3.97E+05	3.43E+05
1/15	6.73E+03	-2.04E+04	2.92E+04	-2.03E+04	2.91E+04	-4.06E+05	3.35E+05
1/10	1.51E+04	-2.72E+04	4.72E+04	-2.72E+04	4.71E+04	-4.23E+05	3.19E+05

Table R-1653. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered $(M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	426.	-5.92E+03	6.47E+03	-5.91E+03	6.42E+03	-3.80E+05	3.60E+05
1/20	3.79E+03	-1.61E+04	2.11E+04	-1.61E+04	2.10E+04	-3.97E+05	3.43E+05
1/15	6.73E+03	-2.04E+04	2.92E+04	-2.03E+04	2.91E+04	-4.06E+05	3.35E+05
1/10	1.51E+04	-2.72E+04	4.72E+04	-2.72E+04	4.71E+04	-4.23E+05	3.20E+05

Table R-1654. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_x^{dif} Max. (kN-m)	Filtered $(M_x^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-211.	-6.51E+03	6.40E+03	-5.83E+03	6.19E+03	-3.37E+05	3.84E+05
1/20	-4.54E+03	-2.12E+04	1.61E+04	-1.97E+04	1.57E+04	-3.03E+05	4.05E+05
1/15	-9.98E+03	-3.21E+04	1.93E+04	-3.13E+04	1.86E+04	-3.19E+05	4.28E+05
1/10	-3.69E+04	-2.94E+05	3.07E+04	-1.04E+05	1.53E+04	-6.67E+05	5.22E+05

Table R-1655. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1656. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-408.	-4.72E+03	4.42E+03	-4.67E+03	4.28E+03	-2.56E+05	2.81E+05
1/20	-4.51E+03	-1.73E+04	1.31E+04	-1.69E+04	1.26E+04	-2.47E+05	3.42E+05
1/15	-9.54E+03	-2.91E+04	1.75E+04	-2.83E+04	1.67E+04	-2.82E+05	3.94E+05
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

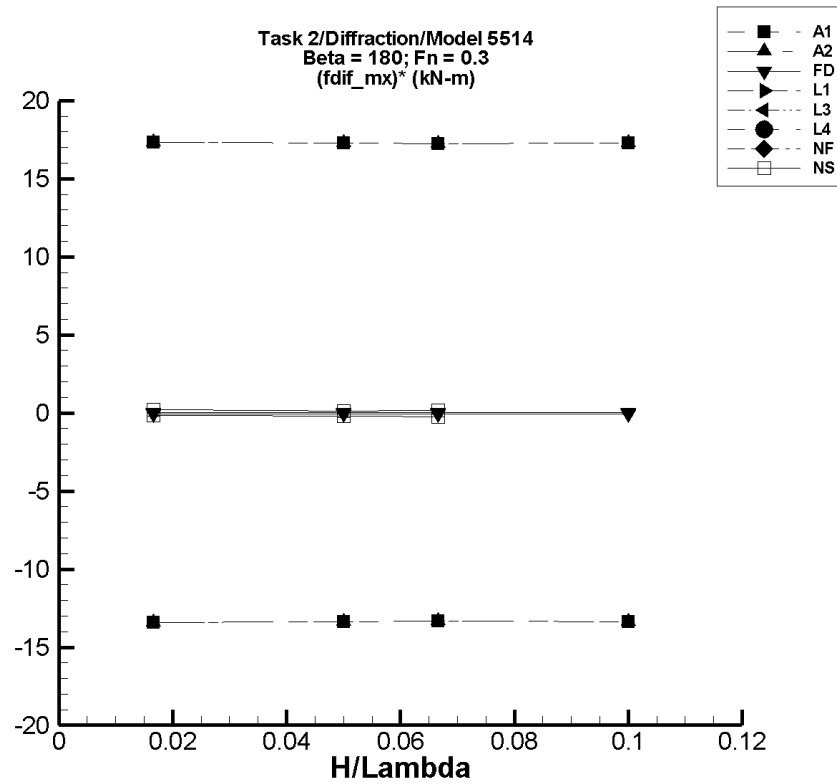


Figure R-208. Minimum and Maximum of $(M_x^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1657. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_x^{\text{dif}} \rangle$	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.70E-02	-0.352	0.322	-0.206	0.306	-13.4	17.3
1/20	5.10E-02	-1.05	0.962	-0.617	0.914	-13.4	17.3
1/15	6.79E-02	-1.40	1.28	-0.822	1.22	-13.3	17.2
1/10	0.102	-2.10	1.92	-1.23	1.83	-13.4	17.3

Table R-1658. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_x^{\text{dif}} \rangle$	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.70E-02	-0.352	0.322	-0.206	0.306	-13.4	17.3
1/20	5.10E-02	-1.05	0.962	-0.617	0.914	-13.4	17.3
1/15	6.79E-02	-1.40	1.28	-0.822	1.22	-13.3	17.2
1/10	0.102	-2.10	1.92	-1.23	1.83	-13.4	17.3

Table R-1659. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_x^{\text{dif}} \rangle$	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.65E-07	-6.95E-04	6.95E-04	-6.72E-04	6.73E-04	-4.03E-02	4.03E-02
1/20	4.95E-07	-2.09E-03	2.09E-03	-2.02E-03	2.02E-03	-4.03E-02	4.03E-02
1/15	6.61E-07	-2.78E-03	2.78E-03	-2.69E-03	2.69E-03	-4.03E-02	4.03E-02
1/10	9.91E-07	-4.17E-03	4.17E-03	-4.03E-03	4.04E-03	-4.03E-02	4.03E-02

TASK 2/DIFFRACTION/MODEL 5514

Table R-1660. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min.	Max.	Min.	Max.	Min.	Max.
		(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1661. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min.	Max.	Min.	Max.	Min.	Max.
		(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1662. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min.	Max.	Min.	Max.	Min.	Max.
		(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1663. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1664. Minimum and Maximum of M_x^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_x^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_x^{dif}		Filtered M_x^{dif}		Filtered $(M_x^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.52E-05	-1.45E-02	2.00E-02	-2.82E-03	3.90E-03	-0.174	0.230
1/20	-1.09E-03	-4.02E-02	5.08E-02	-1.15E-02	5.46E-03	-0.209	0.131
1/15	-2.07E-03	-0.135	0.112	-1.79E-02	8.79E-03	-0.237	0.163
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

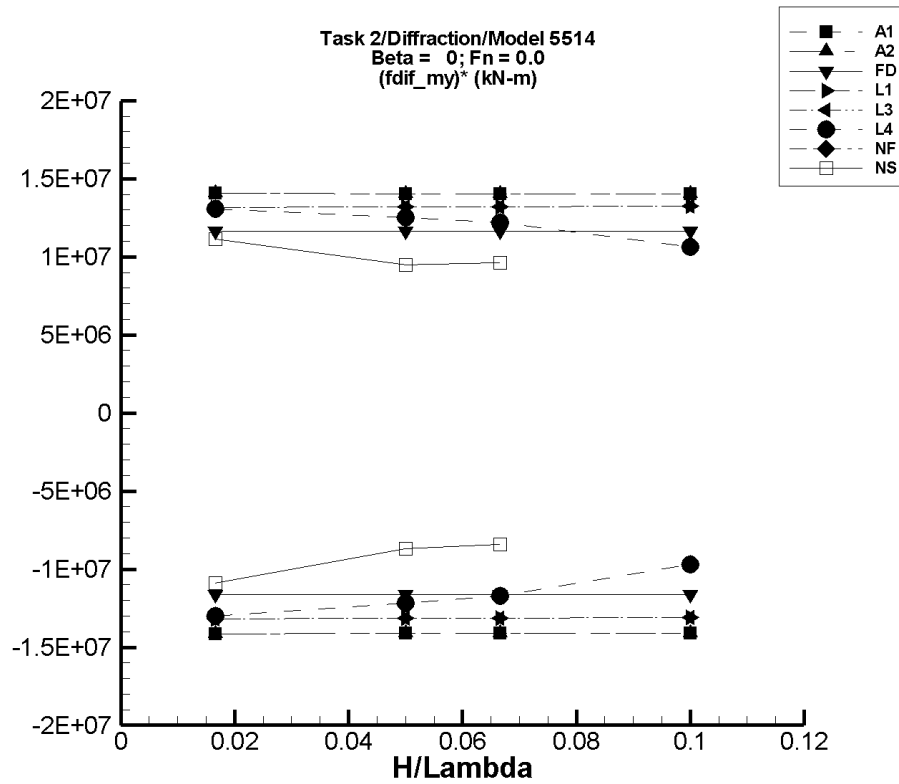


Figure R-209. Minimum and Maximum of $(M_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0.

Table R-1665. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	339.	-2.38E+05	2.38E+05	-2.36E+05	2.35E+05	-1.42E+07	1.41E+07
1/20	1.01E+03	-7.13E+05	7.11E+05	-7.05E+05	7.03E+05	-1.41E+07	1.40E+07
1/15	1.35E+03	-9.49E+05	9.46E+05	-9.39E+05	9.36E+05	-1.41E+07	1.40E+07
1/10	2.03E+03	-1.43E+06	1.42E+06	-1.41E+06	1.41E+06	-1.41E+07	1.40E+07

Table R-1666. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	339.	-2.38E+05	2.38E+05	-2.36E+05	2.35E+05	-1.42E+07	1.41E+07
1/20	1.01E+03	-7.13E+05	7.11E+05	-7.05E+05	7.03E+05	-1.41E+07	1.40E+07
1/15	1.35E+03	-9.49E+05	9.46E+05	-9.39E+05	9.36E+05	-1.41E+07	1.40E+07
1/10	2.03E+03	-1.43E+06	1.42E+06	-1.41E+06	1.41E+06	-1.41E+07	1.40E+07

Table R-1667. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.55	-1.96E+05	1.96E+05	-1.94E+05	1.94E+05	-1.16E+07	1.16E+07
1/20	13.6	-5.88E+05	5.88E+05	-5.82E+05	5.82E+05	-1.16E+07	1.16E+07
1/15	18.2	-7.84E+05	7.84E+05	-7.76E+05	7.76E+05	-1.16E+07	1.16E+07
1/10	27.2	-1.18E+06	1.18E+06	-1.16E+06	1.16E+06	-1.16E+07	1.16E+07

Table R-1668. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-2.73E+03	-2.23E+05	2.17E+05	-2.23E+05	2.16E+05	-1.32E+07	1.31E+07
1/20	-2.52E+04	-6.84E+05	6.37E+05	-6.83E+05	6.34E+05	-1.31E+07	1.32E+07
1/15	-4.50E+04	-9.22E+05	8.40E+05	-9.20E+05	8.36E+05	-1.31E+07	1.32E+07
1/10	-1.02E+05	-1.41E+06	1.23E+06	-1.41E+06	1.22E+06	-1.31E+07	1.33E+07

Table R-1669. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-2.73E+03	-2.23E+05	2.17E+05	-2.23E+05	2.16E+05	-1.32E+07	1.31E+07
1/20	-2.52E+04	-6.84E+05	6.37E+05	-6.83E+05	6.34E+05	-1.31E+07	1.32E+07
1/15	-4.50E+04	-9.22E+05	8.40E+05	-9.20E+05	8.36E+05	-1.31E+07	1.32E+07
1/10	-1.02E+05	-1.41E+06	1.23E+06	-1.41E+06	1.22E+06	-1.31E+07	1.33E+07

Table R-1670. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-97.9	-2.18E+05	2.19E+05	-2.17E+05	2.18E+05	-1.30E+07	1.31E+07
1/20	8.80E+03	-6.04E+05	6.44E+05	-5.99E+05	6.35E+05	-1.22E+07	1.25E+07
1/15	3.02E+04	-7.54E+05	8.59E+05	-7.50E+05	8.44E+05	-1.17E+07	1.22E+07
1/10	1.03E+05	-1.41E+06	2.03E+06	-8.66E+05	1.17E+06	-9.69E+06	1.06E+07

Table R-1671. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1672. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-4.39E+03	-1.87E+05	1.84E+05	-1.86E+05	1.82E+05	-1.09E+07	1.12E+07
1/20	-6.28E+03	-4.47E+05	4.76E+05	-4.41E+05	4.68E+05	-8.69E+06	9.49E+06
1/15	-8.13E+03	-5.75E+05	6.41E+05	-5.70E+05	6.32E+05	-8.43E+06	9.60E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

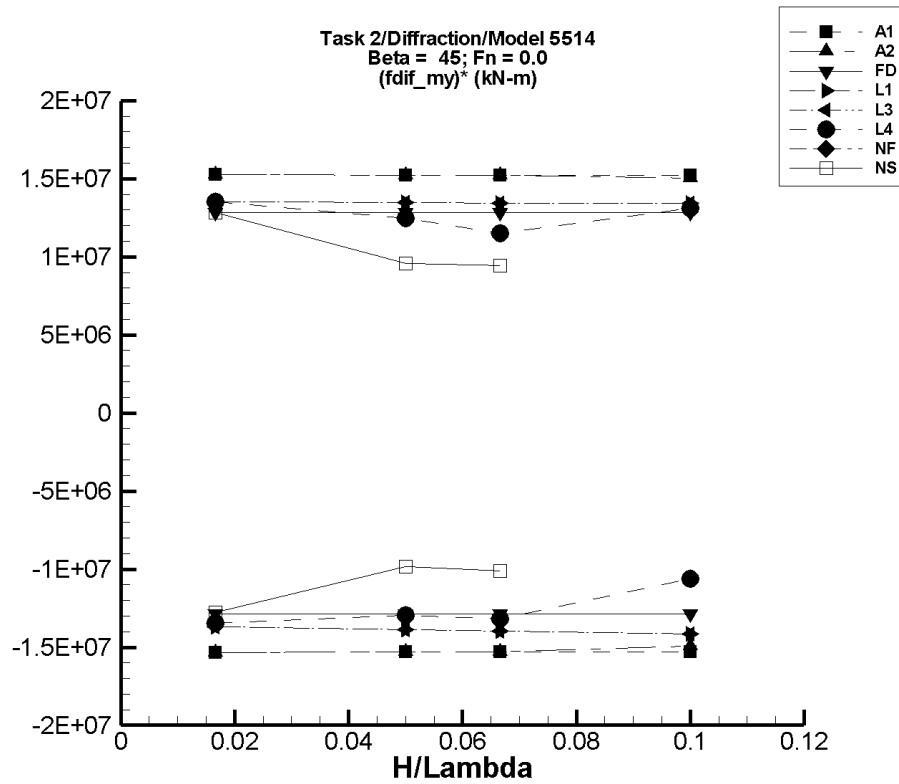


Figure R-210. Minimum and Maximum of $(M_y^{dif})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

Table R-1673. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	280.	-2.58E+05	2.58E+05	-2.55E+05	2.55E+05	-1.53E+07	1.53E+07
1/20	836.	-7.72E+05	7.71E+05	-7.64E+05	7.63E+05	-1.53E+07	1.52E+07
1/15	1.11E+03	-1.03E+06	1.03E+06	-1.02E+06	1.02E+06	-1.53E+07	1.52E+07
1/10	1.67E+03	-1.54E+06	1.54E+06	-1.53E+06	1.53E+06	-1.53E+07	1.52E+07

Table R-1674. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	280.	-2.58E+05	2.58E+05	-2.55E+05	2.55E+05	-1.53E+07	1.53E+07
1/20	836.	-7.72E+05	7.71E+05	-7.64E+05	7.63E+05	-1.53E+07	1.52E+07
1/15	1.11E+03	-1.03E+06	1.03E+06	-1.02E+06	1.02E+06	-1.53E+07	1.52E+07
1/10	1.30E+04	-1.50E+06	1.51E+06	-1.48E+06	1.52E+06	-1.49E+07	1.50E+07

Table R-1675. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	6.13	-2.17E+05	2.17E+05	-2.14E+05	2.14E+05	-1.29E+07	1.29E+07
1/20	18.4	-6.50E+05	6.50E+05	-6.43E+05	6.43E+05	-1.29E+07	1.29E+07
1/15	24.5	-8.67E+05	8.66E+05	-8.58E+05	8.57E+05	-1.29E+07	1.29E+07
1/10	36.8	-1.30E+06	1.30E+06	-1.29E+06	1.29E+06	-1.29E+07	1.29E+07

Table R-1676. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.20E+03	-2.30E+05	2.25E+05	-2.30E+05	2.24E+05	-1.37E+07	1.35E+07
1/20	-1.07E+04	-7.06E+05	6.65E+05	-7.04E+05	6.62E+05	-1.39E+07	1.35E+07
1/15	-1.89E+04	-9.52E+05	8.80E+05	-9.49E+05	8.77E+05	-1.39E+07	1.34E+07
1/10	-4.24E+04	-1.46E+06	1.31E+06	-1.46E+06	1.30E+06	-1.41E+07	1.34E+07

Table R-1677. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.20E+03	-2.30E+05	2.25E+05	-2.30E+05	2.24E+05	-1.37E+07	1.35E+07
1/20	-1.07E+04	-7.06E+05	6.65E+05	-7.04E+05	6.62E+05	-1.39E+07	1.35E+07
1/15	-1.89E+04	-9.52E+05	8.80E+05	-9.49E+05	8.77E+05	-1.39E+07	1.34E+07
1/10	-4.24E+04	-1.46E+06	1.31E+06	-1.46E+06	1.30E+06	-1.41E+07	1.34E+07

Table R-1678. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	2.30E+03	-2.23E+05	2.29E+05	-2.22E+05	2.28E+05	-1.34E+07	1.35E+07
1/20	3.22E+04	-6.21E+05	7.10E+05	-6.16E+05	6.56E+05	-1.30E+07	1.25E+07
1/15	7.16E+04	-8.16E+05	9.17E+05	-8.08E+05	8.37E+05	-1.32E+07	1.15E+07
1/10	7.55E+04	-1.46E+06	1.41E+06	-9.84E+05	1.39E+06	-1.06E+07	1.31E+07

Table R-1679. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1680. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-3.73E+03	-2.19E+05	2.12E+05	-2.16E+05	2.10E+05	-1.28E+07	1.28E+07
1/20	4.80E+03	-4.93E+05	4.89E+05	-4.87E+05	4.83E+05	-9.83E+06	9.56E+06
1/15	1.19E+04	-6.71E+05	6.52E+05	-6.64E+05	6.42E+05	-1.01E+07	9.44E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

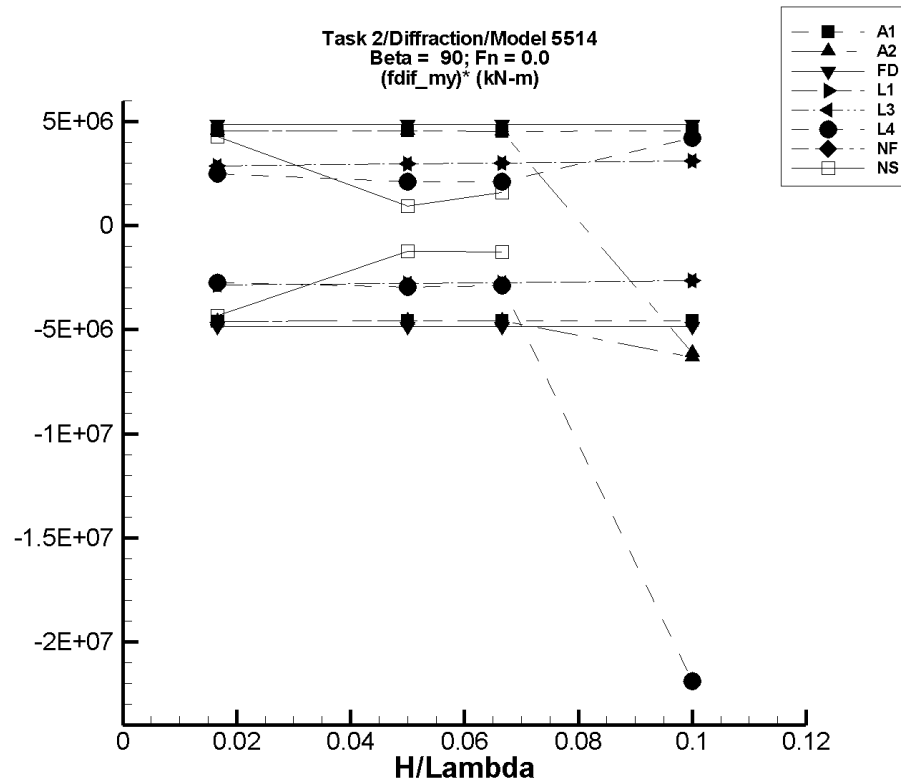


Figure R-211. Minimum and Maximum of $(M_y^{dif})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

Table R-1681. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-262.	-8.05E+04	7.85E+04	-7.69E+04	7.55E+04	-4.60E+06	4.55E+06
1/20	-785.	-2.41E+05	2.35E+05	-2.30E+05	2.26E+05	-4.59E+06	4.54E+06
1/15	-1.05E+03	-3.20E+05	3.13E+05	-3.06E+05	3.01E+05	-4.58E+06	4.53E+06
1/10	-1.57E+03	-4.81E+05	4.70E+05	-4.60E+05	4.52E+05	-4.59E+06	4.54E+06

Table R-1682. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-262.	-8.05E+04	7.85E+04	-7.69E+04	7.55E+04	-4.60E+06	4.55E+06
1/20	-785.	-2.41E+05	2.35E+05	-2.30E+05	2.26E+05	-4.59E+06	4.54E+06
1/15	-1.05E+03	-3.20E+05	3.13E+05	-3.06E+05	3.01E+05	-4.58E+06	4.53E+06
1/10	2.91E+05	-3.40E+05	-3.19E+05	-3.40E+05	-3.19E+05	-6.32E+06	-6.10E+06

Table R-1683. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.61	-8.19E+04	8.19E+04	-8.10E+04	8.10E+04	-4.86E+06	4.86E+06
1/20	4.83	-2.46E+05	2.46E+05	-2.43E+05	2.43E+05	-4.86E+06	4.86E+06
1/15	6.45	-3.28E+05	3.28E+05	-3.24E+05	3.24E+05	-4.86E+06	4.86E+06
1/10	9.68	-4.92E+05	4.91E+05	-4.86E+05	4.86E+05	-4.86E+06	4.86E+06

Table R-1684. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-949.	-4.89E+04	4.71E+04	-4.87E+04	4.69E+04	-2.87E+06	2.87E+06
1/20	-7.74E+03	-1.47E+05	1.41E+05	-1.47E+05	1.40E+05	-2.78E+06	2.96E+06
1/15	-1.36E+04	-1.97E+05	1.88E+05	-1.96E+05	1.87E+05	-2.74E+06	3.01E+06
1/10	-3.02E+04	-2.97E+05	2.81E+05	-2.96E+05	2.80E+05	-2.66E+06	3.10E+06

Table R-1685. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-949.	-4.89E+04	4.71E+04	-4.87E+04	4.69E+04	-2.87E+06	2.87E+06
1/20	-7.74E+03	-1.47E+05	1.41E+05	-1.47E+05	1.40E+05	-2.78E+06	2.96E+06
1/15	-1.36E+04	-1.97E+05	1.88E+05	-1.96E+05	1.87E+05	-2.74E+06	3.01E+06
1/10	-3.02E+04	-2.97E+05	2.81E+05	-2.96E+05	2.80E+05	-2.66E+06	3.10E+06

Table R-1686. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-2.60E+03	-5.31E+04	4.30E+04	-4.86E+04	3.90E+04	-2.76E+06	2.50E+06
1/20	-1.93E+04	-1.77E+05	1.08E+05	-1.67E+05	8.65E+04	-2.95E+06	2.12E+06
1/15	-2.53E+04	-2.31E+05	1.51E+05	-2.18E+05	1.14E+05	-2.89E+06	2.09E+06
1/10	-2.31E+05	-7.07E+06	1.70E+06	-2.42E+06	1.90E+05	-2.19E+07	4.21E+06

Table R-1687. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1688. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-2.88E+03	-7.65E+04	6.98E+04	-7.48E+04	6.86E+04	-4.32E+06	4.29E+06
1/20	1.64E+04	-5.02E+04	6.63E+04	-4.53E+04	6.31E+04	-1.23E+06	9.33E+05
1/15	3.15E+04	-6.43E+04	1.58E+05	-5.41E+04	1.38E+05	-1.28E+06	1.60E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

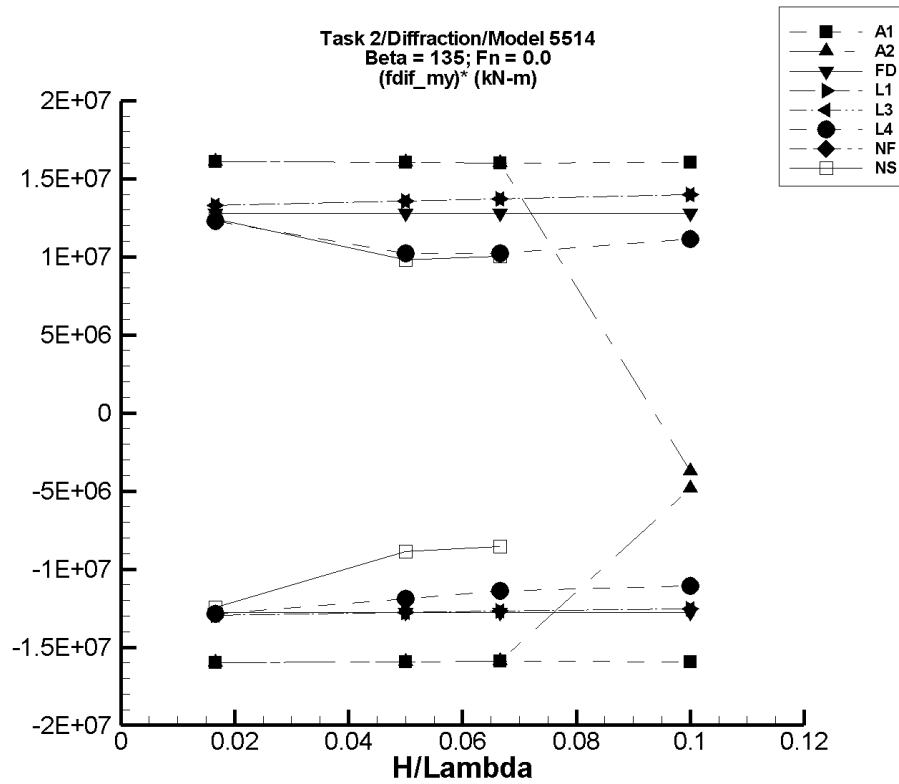


Figure R-212. Minimum and Maximum of $(M_y^{dif})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

Table R-1689. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-559.	-2.70E+05	2.70E+05	-2.67E+05	2.67E+05	-1.60E+07	1.61E+07
1/20	-1.67E+03	-8.08E+05	8.08E+05	-7.99E+05	8.00E+05	-1.59E+07	1.60E+07
1/15	-2.23E+03	-1.08E+06	1.08E+06	-1.06E+06	1.06E+06	-1.59E+07	1.60E+07
1/10	-3.35E+03	-1.62E+06	1.62E+06	-1.60E+06	1.60E+06	-1.59E+07	1.60E+07

Table R-1690. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-559.	-2.70E+05	2.70E+05	-2.67E+05	2.67E+05	-1.60E+07	1.61E+07
1/20	-1.67E+03	-8.08E+05	8.08E+05	-7.99E+05	8.00E+05	-1.59E+07	1.60E+07
1/15	-2.23E+03	-1.08E+06	1.08E+06	-1.06E+06	1.06E+06	-1.59E+07	1.60E+07
1/10	6.75E+05	1.92E+05	3.03E+05	1.92E+05	3.03E+05	-4.83E+06	-3.72E+06

Table R-1691. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.54	-2.15E+05	2.15E+05	-2.13E+05	2.13E+05	-1.28E+07	1.28E+07
1/20	-19.6	-6.45E+05	6.46E+05	-6.38E+05	6.38E+05	-1.28E+07	1.28E+07
1/15	-26.2	-8.61E+05	8.61E+05	-8.51E+05	8.51E+05	-1.28E+07	1.28E+07
1/10	-39.1	-1.29E+06	1.29E+06	-1.28E+06	1.28E+06	-1.28E+07	1.28E+07

Table R-1692. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.16E+03	-2.18E+05	2.21E+05	-2.17E+05	2.20E+05	-1.30E+07	1.33E+07
1/20	-9.45E+03	-6.50E+05	6.71E+05	-6.47E+05	6.68E+05	-1.28E+07	1.36E+07
1/15	-1.66E+04	-8.65E+05	9.00E+05	-8.62E+05	8.96E+05	-1.27E+07	1.37E+07
1/10	-3.68E+04	-1.30E+06	1.37E+06	-1.29E+06	1.36E+06	-1.26E+07	1.40E+07

Table R-1693. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.16E+03	-2.18E+05	2.21E+05	-2.17E+05	2.20E+05	-1.30E+07	1.33E+07
1/20	-9.45E+03	-6.50E+05	6.71E+05	-6.47E+05	6.68E+05	-1.28E+07	1.36E+07
1/15	-1.66E+04	-8.65E+05	9.00E+05	-8.62E+05	8.96E+05	-1.27E+07	1.37E+07
1/10	-3.68E+04	-1.30E+06	1.37E+06	-1.29E+06	1.36E+06	-1.26E+07	1.40E+07

Table R-1694. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-7.18E+03	-2.23E+05	1.98E+05	-2.21E+05	1.97E+05	-1.28E+07	1.23E+07
1/20	-7.77E+04	-6.78E+05	4.49E+05	-6.73E+05	4.33E+05	-1.19E+07	1.02E+07
1/15	-1.32E+05	-8.99E+05	5.68E+05	-8.91E+05	5.49E+05	-1.14E+07	1.02E+07
1/10	-2.62E+05	-1.38E+06	1.25E+06	-1.37E+06	8.53E+05	-1.11E+07	1.11E+07

Table R-1695. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1696. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-2.44E+03	-2.12E+05	2.07E+05	-2.10E+05	2.04E+05	-1.25E+07	1.24E+07
1/20	7.60E+03	-4.43E+05	5.06E+05	-4.35E+05	4.98E+05	-8.86E+06	9.82E+06
1/15	1.48E+04	-5.70E+05	6.95E+05	-5.56E+05	6.85E+05	-8.56E+06	1.01E+07
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

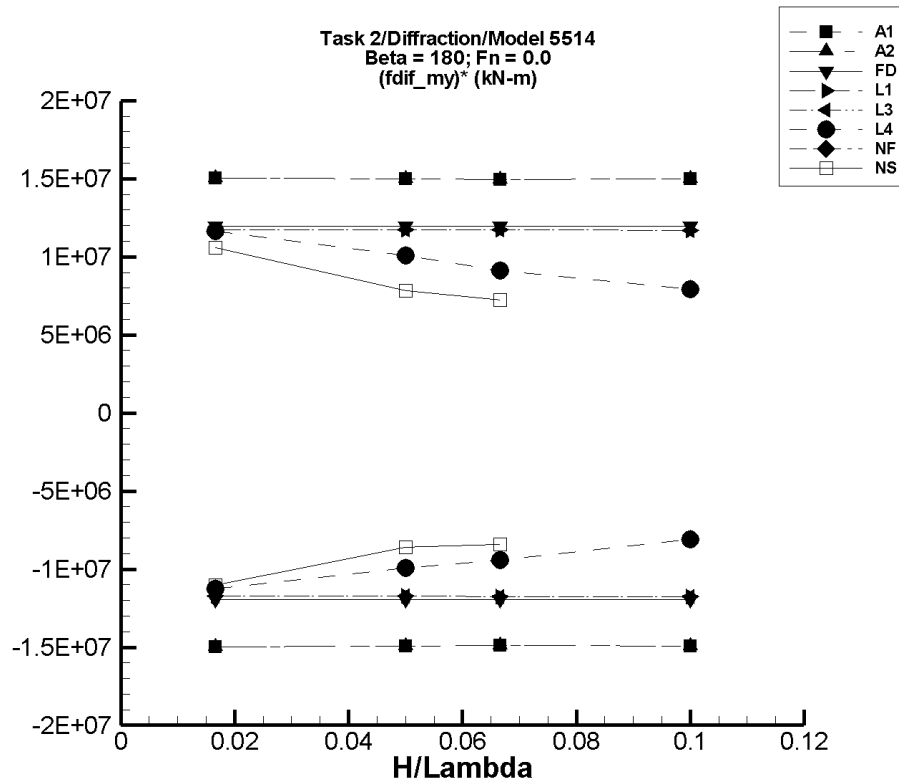


Figure R-213. Minimum and Maximum of $(M_y^{dif})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

Table R-1697. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-471.	-2.53E+05	2.53E+05	-2.50E+05	2.50E+05	-1.50E+07	1.50E+07
1/20	-1.41E+03	-7.56E+05	7.56E+05	-7.48E+05	7.48E+05	-1.49E+07	1.50E+07
1/15	-1.88E+03	-1.01E+06	1.01E+06	-9.95E+05	9.96E+05	-1.49E+07	1.50E+07
1/10	-2.82E+03	-1.51E+06	1.51E+06	-1.50E+06	1.50E+06	-1.49E+07	1.50E+07

Table R-1698. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-471.	-2.53E+05	2.53E+05	-2.50E+05	2.50E+05	-1.50E+07	1.50E+07
1/20	-1.41E+03	-7.56E+05	7.56E+05	-7.48E+05	7.48E+05	-1.49E+07	1.50E+07
1/15	-1.88E+03	-1.01E+06	1.01E+06	-9.95E+05	9.96E+05	-1.49E+07	1.50E+07
1/10	-2.82E+03	-1.51E+06	1.51E+06	-1.50E+06	1.50E+06	-1.49E+07	1.50E+07

Table R–1699. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.76	-2.02E+05	2.02E+05	-1.99E+05	1.99E+05	-1.20E+07	1.20E+07
1/20	-20.3	-6.05E+05	6.05E+05	-5.98E+05	5.98E+05	-1.20E+07	1.20E+07
1/15	-27.0	-8.07E+05	8.07E+05	-7.98E+05	7.98E+05	-1.20E+07	1.20E+07
1/10	-40.5	-1.21E+06	1.21E+06	-1.20E+06	1.20E+06	-1.20E+07	1.20E+07

Table R–1700. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-306.	-1.96E+05	1.96E+05	-1.95E+05	1.96E+05	-1.17E+07	1.17E+07
1/20	-2.10E+03	-5.91E+05	5.87E+05	-5.89E+05	5.84E+05	-1.17E+07	1.17E+07
1/15	-3.58E+03	-7.90E+05	7.81E+05	-7.86E+05	7.77E+05	-1.17E+07	1.17E+07
1/10	-7.72E+03	-1.19E+06	1.17E+06	-1.19E+06	1.16E+06	-1.18E+07	1.17E+07

Table R–1701. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-306.	-1.96E+05	1.96E+05	-1.95E+05	1.96E+05	-1.17E+07	1.17E+07
1/20	-2.10E+03	-5.91E+05	5.87E+05	-5.89E+05	5.84E+05	-1.17E+07	1.17E+07
1/15	-3.58E+03	-7.90E+05	7.81E+05	-7.86E+05	7.77E+05	-1.17E+07	1.17E+07
1/10	-7.72E+03	-1.19E+06	1.17E+06	-1.19E+06	1.16E+06	-1.18E+07	1.17E+07

Table R–1702. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-7.58E+03	-1.96E+05	1.87E+05	-1.95E+05	1.86E+05	-1.12E+07	1.16E+07
1/20	-7.62E+04	-5.77E+05	4.51E+05	-5.73E+05	4.29E+05	-9.93E+06	1.01E+07
1/15	-1.25E+05	-7.60E+05	5.38E+05	-7.52E+05	4.82E+05	-9.41E+06	9.10E+06
1/10	-2.08E+05	-1.04E+06	1.48E+06	-1.02E+06	5.84E+05	-8.10E+06	7.91E+06

Table R-1703. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1704. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-3.37E+03	-1.89E+05	1.74E+05	-1.87E+05	1.73E+05	-1.10E+07	1.06E+07
1/20	-4.70E+03	-4.41E+05	3.92E+05	-4.35E+05	3.88E+05	-8.60E+06	7.85E+06
1/15	-7.75E+03	-5.76E+05	4.79E+05	-5.70E+05	4.76E+05	-8.43E+06	7.26E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

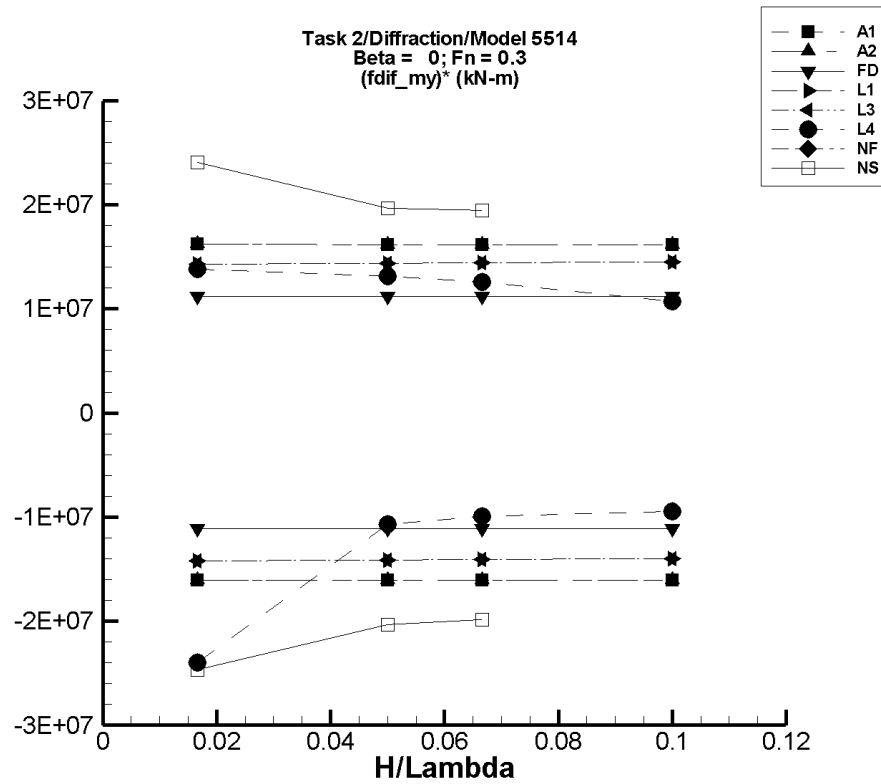


Figure R-214. Minimum and Maximum of $(M_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.3.

Table R-1705. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-55.4	-2.69E+05	2.70E+05	-2.68E+05	2.70E+05	-1.61E+07	1.62E+07
1/20	-166.	-8.03E+05	8.08E+05	-8.03E+05	8.07E+05	-1.61E+07	1.61E+07
1/15	-221.	-1.07E+06	1.08E+06	-1.07E+06	1.07E+06	-1.60E+07	1.61E+07
1/10	-331.	-1.61E+06	1.62E+06	-1.61E+06	1.61E+06	-1.61E+07	1.61E+07

Table R-1706. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-55.4	-2.69E+05	2.70E+05	-2.68E+05	2.70E+05	-1.61E+07	1.62E+07
1/20	-166.	-8.03E+05	8.08E+05	-8.03E+05	8.07E+05	-1.61E+07	1.61E+07
1/15	-221.	-1.07E+06	1.08E+06	-1.07E+06	1.07E+06	-1.60E+07	1.61E+07
1/10	-331.	-1.61E+06	1.62E+06	-1.61E+06	1.61E+06	-1.61E+07	1.61E+07

Table R-1707. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-396.	-1.86E+05	1.86E+05	-1.86E+05	1.86E+05	-1.11E+07	1.12E+07
1/20	-1.19E+03	-5.58E+05	5.58E+05	-5.58E+05	5.58E+05	-1.11E+07	1.12E+07
1/15	-1.58E+03	-7.45E+05	7.45E+05	-7.44E+05	7.44E+05	-1.11E+07	1.12E+07
1/10	-2.37E+03	-1.12E+06	1.12E+06	-1.12E+06	1.12E+06	-1.11E+07	1.12E+07

Table R-1708. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.37E+04	-1.93E+05	2.82E+05	-1.93E+05	2.82E+05	-1.42E+07	1.43E+07
1/20	4.83E+04	-6.57E+05	7.68E+05	-6.57E+05	7.68E+05	-1.41E+07	1.44E+07
1/15	5.26E+04	-8.85E+05	1.02E+06	-8.85E+05	1.01E+06	-1.41E+07	1.44E+07
1/10	6.53E+04	-1.33E+06	1.52E+06	-1.33E+06	1.52E+06	-1.40E+07	1.45E+07

Table R-1709. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.38E+04	-1.93E+05	2.82E+05	-1.93E+05	2.82E+05	-1.42E+07	1.43E+07
1/20	4.84E+04	-6.57E+05	7.68E+05	-6.57E+05	7.68E+05	-1.41E+07	1.44E+07
1/15	5.28E+04	-8.85E+05	1.02E+06	-8.85E+05	1.01E+06	-1.41E+07	1.44E+07
1/10	6.56E+04	-1.33E+06	1.52E+06	-1.33E+06	1.52E+06	-1.40E+07	1.45E+07

Table R-1710. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 0° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	3.52E+04	-3.73E+05	2.68E+05	-3.64E+05	2.65E+05	-2.39E+07	1.38E+07
1/20	-2.31E+04	-6.12E+05	6.45E+05	-5.59E+05	6.35E+05	-1.07E+07	1.32E+07
1/15	-4.62E+04	-8.65E+05	8.06E+05	-7.10E+05	7.93E+05	-9.95E+06	1.26E+07
1/10	-3.01E+04	-1.77E+06	1.55E+06	-9.77E+05	1.04E+06	-9.47E+06	1.07E+07

Table R-1711. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1712. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 ($L = 142$ m) in Waves at Heading 0° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	2.43E+04	-3.91E+05	4.29E+05	-3.87E+05	4.25E+05	-2.47E+07	2.40E+07
1/20	6.64E+04	-9.61E+05	1.06E+06	-9.50E+05	1.05E+06	-2.03E+07	1.97E+07
1/15	6.29E+04	-1.27E+06	1.37E+06	-1.26E+06	1.36E+06	-1.99E+07	1.95E+07
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

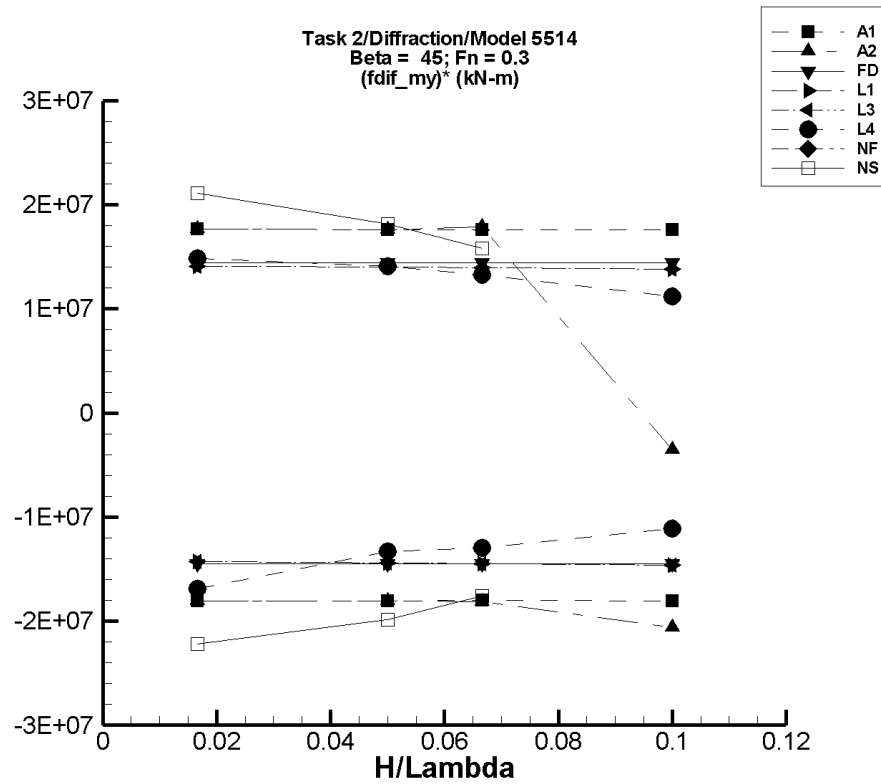


Figure R-215. Minimum and Maximum of $(M_y^{dif})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

Table R-1713. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.62E+03	-3.01E+05	2.97E+05	-3.00E+05	2.96E+05	-1.81E+07	1.77E+07
1/20	4.83E+03	-8.99E+05	8.88E+05	-8.97E+05	8.86E+05	-1.80E+07	1.76E+07
1/15	6.44E+03	-1.20E+06	1.18E+06	-1.19E+06	1.18E+06	-1.80E+07	1.76E+07
1/10	9.67E+03	-1.80E+06	1.78E+06	-1.79E+06	1.77E+06	-1.80E+07	1.76E+07

Table R-1714. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.62E+03	-3.01E+05	2.97E+05	-3.00E+05	2.96E+05	-1.81E+07	1.77E+07
1/20	4.83E+03	-8.99E+05	8.88E+05	-8.97E+05	8.86E+05	-1.80E+07	1.76E+07
1/15	-4.14E+03	-1.21E+06	1.19E+06	-1.21E+06	1.19E+06	-1.81E+07	1.79E+07
1/10	1.84E+06	-2.23E+05	1.47E+06	-2.17E+05	1.49E+06	-2.06E+07	-3.57E+06

Table R-1715. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	356.	-2.42E+05	2.42E+05	-2.41E+05	2.41E+05	-1.45E+07	1.44E+07
1/20	1.07E+03	-7.25E+05	7.25E+05	-7.24E+05	7.23E+05	-1.45E+07	1.44E+07
1/15	1.43E+03	-9.67E+05	9.67E+05	-9.65E+05	9.65E+05	-1.45E+07	1.44E+07
1/10	2.14E+03	-1.45E+06	1.45E+06	-1.45E+06	1.45E+06	-1.45E+07	1.44E+07

Table R-1716. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.14E+04	-1.97E+05	2.77E+05	-1.97E+05	2.77E+05	-1.43E+07	1.41E+07
1/20	2.39E+04	-6.98E+05	7.24E+05	-6.97E+05	7.24E+05	-1.44E+07	1.40E+07
1/15	8.57E+03	-9.59E+05	9.39E+05	-9.58E+05	9.38E+05	-1.45E+07	1.39E+07
1/10	-3.51E+04	-1.50E+06	1.35E+06	-1.50E+06	1.35E+06	-1.46E+07	1.38E+07

Table R-1717. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.14E+04	-1.97E+05	2.77E+05	-1.97E+05	2.77E+05	-1.43E+07	1.41E+07
1/20	2.38E+04	-6.98E+05	7.24E+05	-6.97E+05	7.24E+05	-1.44E+07	1.40E+07
1/15	8.53E+03	-9.59E+05	9.39E+05	-9.58E+05	9.38E+05	-1.45E+07	1.39E+07
1/10	-3.51E+04	-1.50E+06	1.35E+06	-1.50E+06	1.35E+06	-1.46E+07	1.38E+07

Table R-1718. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	3.47E+04	-2.51E+05	2.83E+05	-2.47E+05	2.82E+05	-1.69E+07	1.49E+07
1/20	2.13E+04	-6.60E+05	7.28E+05	-6.45E+05	7.27E+05	-1.33E+07	1.41E+07
1/15	3.32E+04	-8.81E+05	9.26E+05	-8.31E+05	9.18E+05	-1.30E+07	1.33E+07
1/10	8.37E+04	-2.91E+06	1.37E+06	-1.03E+06	1.21E+06	-1.11E+07	1.12E+07

Table R-1719. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1720. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	2.44E+04	-3.49E+05	3.80E+05	-3.45E+05	3.76E+05	-2.22E+07	2.11E+07
1/20	3.76E+04	-9.65E+05	9.58E+05	-9.54E+05	9.46E+05	-1.98E+07	1.82E+07
1/15	7.20E+04	-1.11E+06	1.14E+06	-1.10E+06	1.12E+06	-1.76E+07	1.58E+07
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

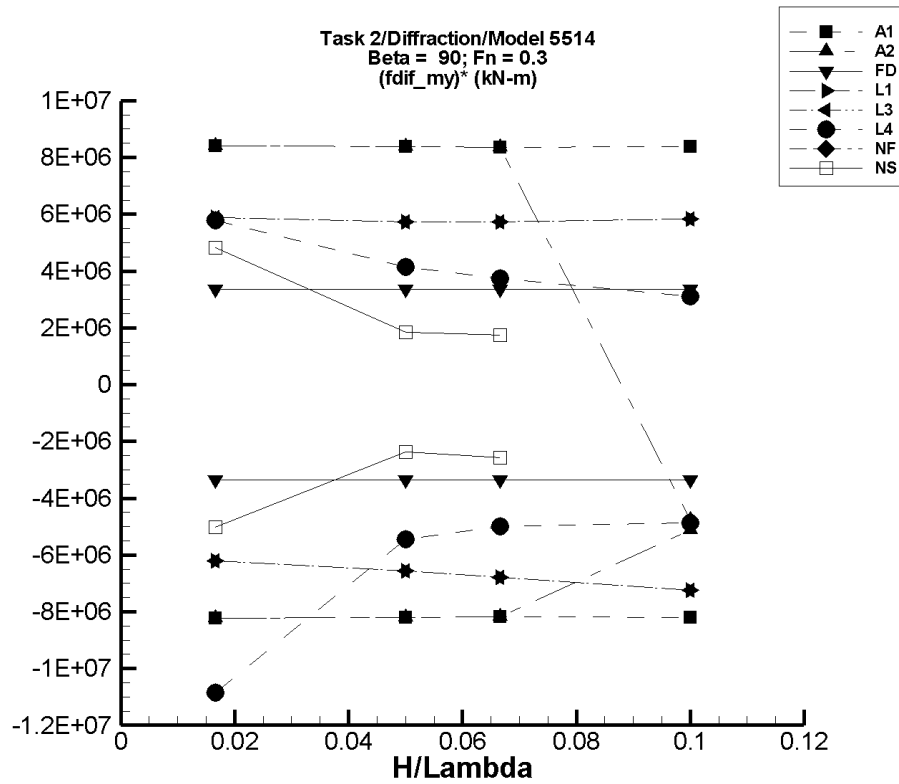


Figure R-216. Minimum and Maximum of $(M_y^{dif})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

Table R-1721. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	537.	-1.46E+05	1.43E+05	-1.36E+05	1.40E+05	-8.22E+06	8.40E+06
1/20	1.61E+03	-4.37E+05	4.28E+05	-4.08E+05	4.20E+05	-8.19E+06	8.37E+06
1/15	2.14E+03	-5.82E+05	5.70E+05	-5.43E+05	5.60E+05	-8.18E+06	8.36E+06
1/10	3.21E+03	-8.74E+05	8.56E+05	-8.16E+05	8.40E+05	-8.19E+06	8.37E+06

Table R-1722. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	537.	-1.46E+05	1.43E+05	-1.36E+05	1.40E+05	-8.22E+06	8.40E+06
1/20	1.61E+03	-4.37E+05	4.28E+05	-4.08E+05	4.20E+05	-8.19E+06	8.37E+06
1/15	2.14E+03	-5.82E+05	5.70E+05	-5.43E+05	5.60E+05	-8.18E+06	8.36E+06
1/10	-2.31E+05	-7.44E+05	-7.07E+05	-7.44E+05	-7.07E+05	-5.13E+06	-4.76E+06

Table R-1723. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.91	-5.65E+04	5.65E+04	-5.59E+04	5.59E+04	-3.36E+06	3.36E+06
1/20	5.72	-1.70E+05	1.70E+05	-1.68E+05	1.68E+05	-3.36E+06	3.36E+06
1/15	7.64	-2.26E+05	2.26E+05	-2.24E+05	2.24E+05	-3.36E+06	3.36E+06
1/10	11.4	-3.39E+05	3.39E+05	-3.36E+05	3.36E+05	-3.36E+06	3.36E+06

Table R-1724. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.07E+04	-6.30E+04	1.39E+05	-6.26E+04	1.39E+05	-6.20E+06	5.89E+06
1/20	1.89E+04	-3.11E+05	3.07E+05	-3.10E+05	3.06E+05	-6.57E+06	5.73E+06
1/15	-190.	-4.55E+05	3.83E+05	-4.52E+05	3.82E+05	-6.78E+06	5.73E+06
1/10	-5.45E+04	-7.82E+05	5.33E+05	-7.78E+05	5.30E+05	-7.23E+06	5.84E+06

Table R-1725. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.07E+04	-6.30E+04	1.39E+05	-6.26E+04	1.39E+05	-6.20E+06	5.89E+06
1/20	1.89E+04	-3.11E+05	3.07E+05	-3.10E+05	3.06E+05	-6.57E+06	5.73E+06
1/15	-196.	-4.55E+05	3.83E+05	-4.52E+05	3.82E+05	-6.78E+06	5.73E+06
1/10	-5.45E+04	-7.82E+05	5.33E+05	-7.78E+05	5.30E+05	-7.23E+06	5.84E+06

Table R-1726. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	3.28E+04	-1.52E+05	1.38E+05	-1.48E+05	1.29E+05	-1.08E+07	5.77E+06
1/20	-4.43E+04	-3.21E+05	1.90E+05	-3.16E+05	1.62E+05	-5.44E+06	4.13E+06
1/15	-7.47E+04	-4.16E+05	1.85E+05	-4.07E+05	1.74E+05	-4.98E+06	3.72E+06
1/10	-8.75E+04	-2.52E+06	9.05E+05	-5.75E+05	2.24E+05	-4.87E+06	3.12E+06

Table R-1727. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1728. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	878.	-8.47E+04	8.27E+04	-8.30E+04	8.11E+04	-5.03E+06	4.81E+06
1/20	1.05E+04	-1.15E+05	1.07E+05	-1.08E+05	1.02E+05	-2.37E+06	1.84E+06
1/15	1.14E+04	-1.72E+05	1.33E+05	-1.60E+05	1.28E+05	-2.57E+06	1.75E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

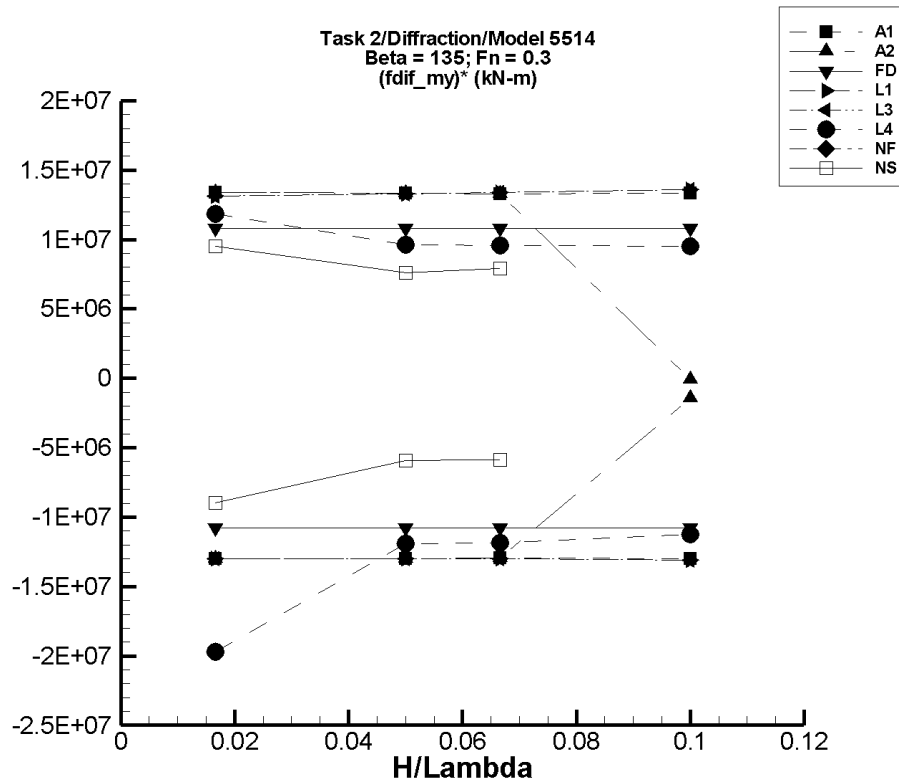


Figure R-217. Minimum and Maximum of $(M_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

Table R-1729. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.20E+03	-2.24E+05	2.28E+05	-2.18E+05	2.21E+05	-1.30E+07	1.34E+07
1/20	-3.59E+03	-6.69E+05	6.82E+05	-6.52E+05	6.63E+05	-1.30E+07	1.33E+07
1/15	-4.77E+03	-8.91E+05	9.08E+05	-8.69E+05	8.82E+05	-1.30E+07	1.33E+07
1/10	-7.17E+03	-1.34E+06	1.36E+06	-1.30E+06	1.33E+06	-1.30E+07	1.33E+07

Table R-1730. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.20E+03	-2.24E+05	2.28E+05	-2.18E+05	2.21E+05	-1.30E+07	1.34E+07
1/20	-3.59E+03	-6.69E+05	6.82E+05	-6.52E+05	6.63E+05	-1.30E+07	1.33E+07
1/15	-4.77E+03	-8.91E+05	9.08E+05	-8.69E+05	8.82E+05	-1.30E+07	1.33E+07
1/10	3.10E+04	-1.12E+05	2.31E+04	-1.12E+05	2.31E+04	-1.43E+06	-7.87E+04

Table R–1731. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	35.9	-1.84E+05	1.84E+05	-1.79E+05	1.80E+05	-1.08E+07	1.08E+07
1/20	108.	-5.52E+05	5.52E+05	-5.38E+05	5.39E+05	-1.08E+07	1.08E+07
1/15	144.	-7.36E+05	7.36E+05	-7.17E+05	7.19E+05	-1.08E+07	1.08E+07
1/10	216.	-1.10E+06	1.10E+06	-1.08E+06	1.08E+06	-1.08E+07	1.08E+07

Table R–1732. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.23E+04	-1.77E+05	2.63E+05	-1.75E+05	2.61E+05	-1.30E+07	1.31E+07
1/20	3.14E+04	-6.25E+05	6.99E+05	-6.19E+05	6.95E+05	-1.30E+07	1.33E+07
1/15	2.20E+04	-8.54E+05	9.18E+05	-8.46E+05	9.14E+05	-1.30E+07	1.34E+07
1/10	-4.64E+03	-1.33E+06	1.36E+06	-1.31E+06	1.36E+06	-1.31E+07	1.36E+07

Table R-1733. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.23E+04	-1.77E+05	2.63E+05	-1.75E+05	2.61E+05	-1.30E+07	1.31E+07
1/20	3.14E+04	-6.25E+05	6.99E+05	-6.19E+05	6.95E+05	-1.30E+07	1.33E+07
1/15	2.20E+04	-8.54E+05	9.18E+05	-8.46E+05	9.14E+05	-1.30E+07	1.34E+07
1/10	-4.62E+03	-1.33E+06	1.36E+06	-1.31E+06	1.36E+06	-1.31E+07	1.36E+07

Table R-1734. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	2.34E+04	-3.26E+05	2.35E+05	-3.05E+05	2.20E+05	-1.97E+07	1.18E+07
1/20	-9.20E+04	-6.98E+05	4.03E+05	-6.88E+05	3.88E+05	-1.19E+07	9.60E+06
1/15	-1.52E+05	-9.58E+05	4.96E+05	-9.44E+05	4.86E+05	-1.19E+07	9.56E+06
1/10	-2.09E+05	-1.37E+06	1.64E+06	-1.33E+06	7.43E+05	-1.12E+07	9.53E+06

Table R-1735. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1736. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	2.93E+03	-1.48E+05	1.64E+05	-1.47E+05	1.61E+05	-8.97E+06	9.50E+06
1/20	182.	-3.01E+05	3.93E+05	-2.97E+05	3.81E+05	-5.95E+06	7.62E+06
1/15	6.55E+03	-3.94E+05	5.45E+05	-3.85E+05	5.34E+05	-5.87E+06	7.91E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

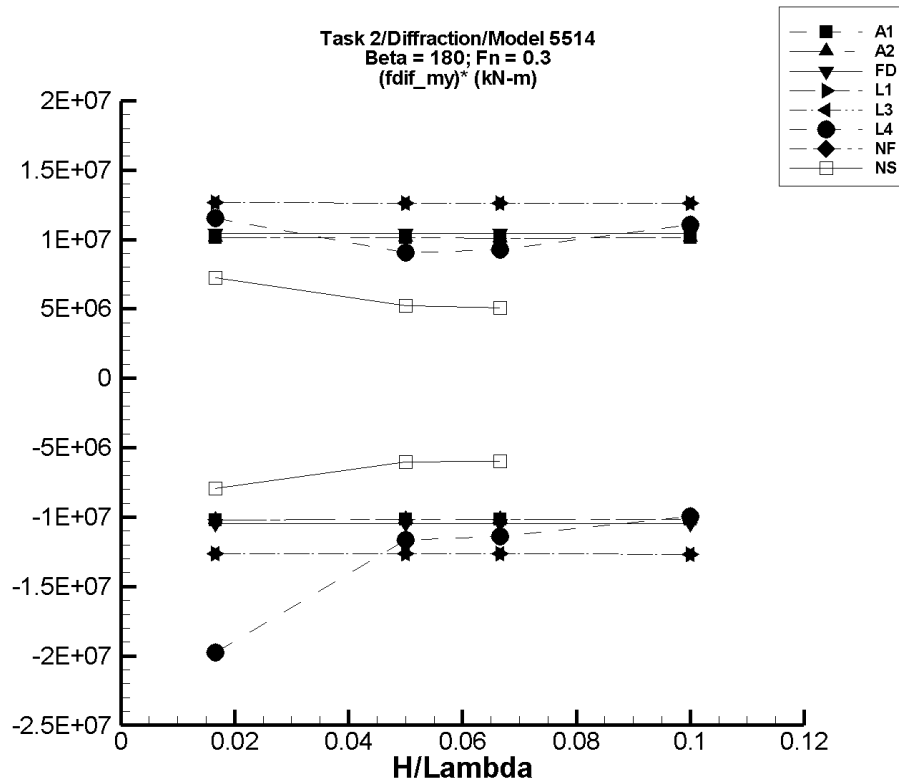


Figure R-218. Minimum and Maximum of $(M_y^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

Table R-1737. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	2.05E+03	-1.75E+05	1.77E+05	-1.68E+05	1.71E+05	-1.02E+07	1.01E+07
1/20	6.14E+03	-5.24E+05	5.29E+05	-5.03E+05	5.12E+05	-1.02E+07	1.01E+07
1/15	8.17E+03	-6.98E+05	7.04E+05	-6.69E+05	6.82E+05	-1.02E+07	1.01E+07
1/10	1.23E+04	-1.05E+06	1.06E+06	-1.01E+06	1.02E+06	-1.02E+07	1.01E+07

Table R-1738. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	2.05E+03	-1.75E+05	1.77E+05	-1.68E+05	1.71E+05	-1.02E+07	1.01E+07
1/20	6.14E+03	-5.24E+05	5.29E+05	-5.03E+05	5.12E+05	-1.02E+07	1.01E+07
1/15	8.17E+03	-6.98E+05	7.04E+05	-6.69E+05	6.82E+05	-1.02E+07	1.01E+07
1/10	1.23E+04	-1.05E+06	1.06E+06	-1.01E+06	1.02E+06	-1.02E+07	1.01E+07

Table R-1739. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	213.	-1.80E+05	1.80E+05	-1.74E+05	1.75E+05	-1.05E+07	1.05E+07
1/20	640.	-5.41E+05	5.41E+05	-5.23E+05	5.24E+05	-1.05E+07	1.05E+07
1/15	853.	-7.21E+05	7.21E+05	-6.97E+05	6.98E+05	-1.05E+07	1.05E+07
1/10	1.28E+03	-1.08E+06	1.08E+06	-1.05E+06	1.05E+06	-1.05E+07	1.05E+07

Table R-1740. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.39E+04	-1.69E+05	2.57E+05	-1.67E+05	2.54E+05	-1.26E+07	1.26E+07
1/20	4.50E+04	-5.95E+05	6.84E+05	-5.88E+05	6.76E+05	-1.27E+07	1.26E+07
1/15	4.60E+04	-8.08E+05	8.98E+05	-7.98E+05	8.88E+05	-1.27E+07	1.26E+07
1/10	4.86E+04	-1.23E+06	1.33E+06	-1.22E+06	1.31E+06	-1.27E+07	1.26E+07

Table R-1741. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	4.39E+04	-1.69E+05	2.57E+05	-1.67E+05	2.54E+05	-1.26E+07	1.26E+07
1/20	4.50E+04	-5.95E+05	6.84E+05	-5.88E+05	6.76E+05	-1.27E+07	1.26E+07
1/15	4.59E+04	-8.08E+05	8.98E+05	-7.98E+05	8.88E+05	-1.27E+07	1.26E+07
1/10	4.86E+04	-1.23E+06	1.33E+06	-1.22E+06	1.31E+06	-1.27E+07	1.26E+07

Table R-1742. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	1.55E+04	-3.28E+05	2.26E+05	-3.13E+05	2.08E+05	-1.97E+07	1.15E+07
1/20	-9.75E+04	-7.04E+05	4.23E+05	-6.80E+05	3.55E+05	-1.17E+07	9.04E+06
1/15	-1.62E+05	-9.52E+05	5.09E+05	-9.21E+05	4.56E+05	-1.14E+07	9.28E+06
1/10	-5.14E+04	-1.10E+06	1.32E+06	-1.05E+06	1.06E+06	-9.94E+06	1.11E+07

Table R-1743. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1744. Minimum and Maximum of M_y^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_y^{\text{dif}} \rangle$	Unfiltered M_y^{dif}		Filtered M_y^{dif}		Filtered $(M_y^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-2.50E+03	-1.37E+05	1.19E+05	-1.35E+05	1.18E+05	-7.96E+06	7.24E+06
1/20	-1.56E+04	-3.21E+05	2.49E+05	-3.16E+05	2.47E+05	-6.00E+06	5.25E+06
1/15	1.50E+03	-4.01E+05	3.43E+05	-3.97E+05	3.41E+05	-5.98E+06	5.09E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

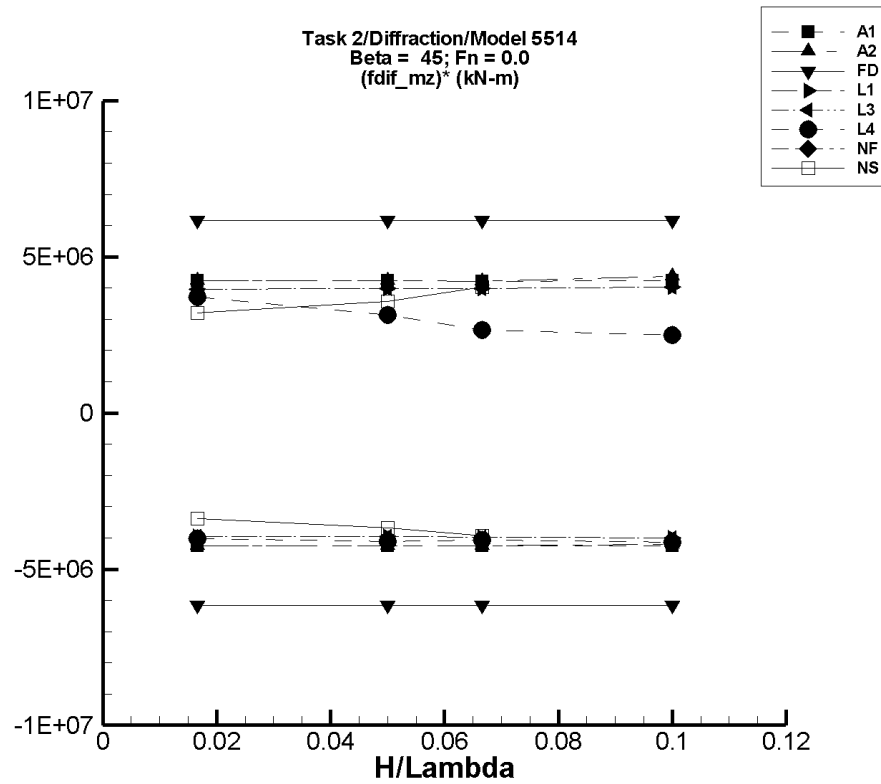


Figure R-219. Minimum and Maximum of $(M_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.0.

Table R-1745. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif} Min. (kN-m)	Unfiltered M_z^{dif} Max. (kN-m)	Filtered M_z^{dif} Min. (kN-m)	Filtered M_z^{dif} Max. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Min. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Max. (kN-m)
1/60	-37.7	-7.18E+04	7.16E+04	-7.11E+04	7.06E+04	-4.26E+06	4.24E+06
1/20	-113.	-2.15E+05	2.14E+05	-2.13E+05	2.11E+05	-4.25E+06	4.23E+06
1/15	-150.	-2.86E+05	2.85E+05	-2.83E+05	2.81E+05	-4.24E+06	4.22E+06
1/10	-226.	-4.30E+05	4.28E+05	-4.25E+05	4.23E+05	-4.25E+06	4.23E+06

Table R-1746. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif} Min. (kN-m)	Unfiltered M_z^{dif} Max. (kN-m)	Filtered M_z^{dif} Min. (kN-m)	Filtered M_z^{dif} Max. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Min. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Max. (kN-m)
1/60	-37.7	-7.18E+04	7.16E+04	-7.11E+04	7.06E+04	-4.26E+06	4.24E+06
1/20	-113.	-2.15E+05	2.14E+05	-2.13E+05	2.11E+05	-4.25E+06	4.23E+06
1/15	-150.	-2.86E+05	2.85E+05	-2.83E+05	2.81E+05	-4.24E+06	4.22E+06
1/10	-3.52E+03	-4.29E+05	4.47E+05	-4.24E+05	4.35E+05	-4.20E+06	4.39E+06

Table R-1747. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif} Min. (kN-m)	Unfiltered M_z^{dif} Max. (kN-m)	Filtered M_z^{dif} Min. (kN-m)	Filtered M_z^{dif} Max. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Min. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Max. (kN-m)
1/60	-2.63	-1.04E+05	1.04E+05	-1.03E+05	1.03E+05	-6.16E+06	6.16E+06
1/20	-7.86	-3.11E+05	3.11E+05	-3.08E+05	3.08E+05	-6.16E+06	6.16E+06
1/15	-10.5	-4.15E+05	4.15E+05	-4.11E+05	4.11E+05	-6.16E+06	6.16E+06
1/10	-15.7	-6.23E+05	6.23E+05	-6.16E+05	6.16E+05	-6.16E+06	6.16E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R-1748. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-230.	-6.63E+04	6.60E+04	-6.61E+04	6.57E+04	-3.95E+06	3.96E+06
1/20	-2.00E+03	-2.01E+05	1.98E+05	-2.00E+05	1.97E+05	-3.96E+06	3.98E+06
1/15	-3.53E+03	-2.70E+05	2.64E+05	-2.68E+05	2.63E+05	-3.97E+06	3.99E+06
1/10	-7.91E+03	-4.10E+05	3.97E+05	-4.08E+05	3.96E+05	-4.00E+06	4.03E+06

Table R-1749. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-230.	-6.63E+04	6.60E+04	-6.61E+04	6.57E+04	-3.95E+06	3.96E+06
1/20	-2.00E+03	-2.01E+05	1.98E+05	-2.00E+05	1.97E+05	-3.96E+06	3.98E+06
1/15	-3.53E+03	-2.70E+05	2.64E+05	-2.68E+05	2.63E+05	-3.97E+06	3.99E+06
1/10	-7.91E+03	-4.10E+05	3.97E+05	-4.08E+05	3.96E+05	-4.00E+06	4.03E+06

Table R-1750. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.48E+03	-7.18E+04	6.35E+04	-6.86E+04	6.05E+04	-4.03E+06	3.72E+06
1/20	-1.14E+04	-2.33E+05	1.61E+05	-2.17E+05	1.45E+05	-4.12E+06	3.14E+06
1/15	-1.76E+04	-3.06E+05	1.77E+05	-2.89E+05	1.59E+05	-4.08E+06	2.65E+06
1/10	-1.22E+04	-4.53E+05	6.13E+05	-4.26E+05	2.36E+05	-4.14E+06	2.49E+06

Table R-1751. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1752. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-748.	-5.83E+04	5.35E+04	-5.72E+04	5.27E+04	-3.39E+06	3.20E+06
1/20	-27.1	-1.86E+05	1.84E+05	-1.84E+05	1.78E+05	-3.67E+06	3.56E+06
1/15	513.	-2.66E+05	2.78E+05	-2.61E+05	2.69E+05	-3.92E+06	4.03E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

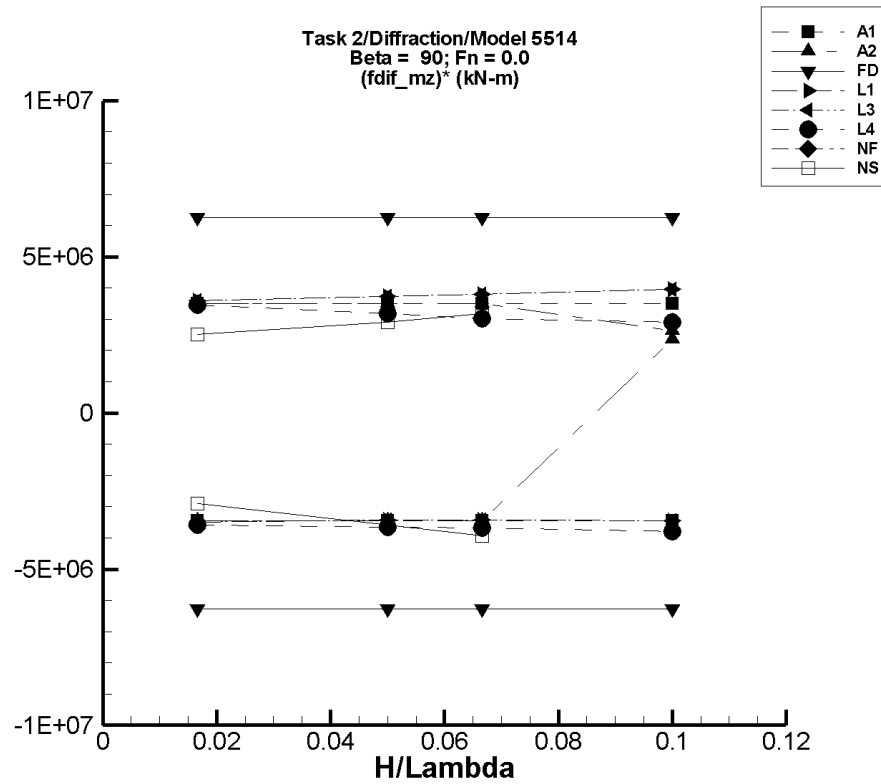


Figure R-220. Minimum and Maximum of $(M_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.0.

Table R-1753. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered Min. (kN-m)	$(M_z^{\text{dif}})^*$ Max. (kN-m)
1/60	2.53	-5.83E+04	5.88E+04	-5.76E+04	5.86E+04	-3.46E+06	3.51E+06
1/20	7.57	-1.74E+05	1.76E+05	-1.72E+05	1.75E+05	-3.45E+06	3.50E+06
1/15	10.1	-2.32E+05	2.34E+05	-2.30E+05	2.33E+05	-3.44E+06	3.50E+06
1/10	15.1	-3.49E+05	3.52E+05	-3.45E+05	3.50E+05	-3.45E+06	3.50E+06

Table R-1754. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered Min. (kN-m)	$(M_z^{\text{dif}})^*$ Max. (kN-m)
1/60	2.53	-5.83E+04	5.88E+04	-5.76E+04	5.86E+04	-3.46E+06	3.51E+06
1/20	7.57	-1.74E+05	1.76E+05	-1.72E+05	1.75E+05	-3.45E+06	3.50E+06
1/15	10.1	-2.32E+05	2.34E+05	-2.30E+05	2.33E+05	-3.44E+06	3.50E+06
1/10	-1.73E+05	6.29E+04	8.94E+04	6.29E+04	8.94E+04	2.36E+06	2.63E+06

Table R-1755. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered Min. (kN-m)	$(M_z^{\text{dif}})^*$ Max. (kN-m)
1/60	-1.87	-1.06E+05	1.06E+05	-1.04E+05	1.04E+05	-6.27E+06	6.27E+06
1/20	-5.65	-3.17E+05	3.17E+05	-3.13E+05	3.13E+05	-6.27E+06	6.27E+06
1/15	-7.49	-4.22E+05	4.22E+05	-4.18E+05	4.18E+05	-6.27E+06	6.27E+06
1/10	-11.3	-6.34E+05	6.34E+05	-6.27E+05	6.27E+05	-6.27E+06	6.27E+06

Table R-1756. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-893.	-5.93E+04	5.93E+04	-5.91E+04	5.90E+04	-3.49E+06	3.60E+06
1/20	-7.82E+03	-1.80E+05	1.80E+05	-1.80E+05	1.79E+05	-3.43E+06	3.73E+06
1/15	-1.39E+04	-2.43E+05	2.41E+05	-2.42E+05	2.40E+05	-3.42E+06	3.80E+06
1/10	-3.11E+04	-3.77E+05	3.68E+05	-3.75E+05	3.66E+05	-3.44E+06	3.97E+06

Table R-1757. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-893.	-5.93E+04	5.93E+04	-5.91E+04	5.90E+04	-3.49E+06	3.60E+06
1/20	-7.82E+03	-1.80E+05	1.80E+05	-1.80E+05	1.79E+05	-3.43E+06	3.73E+06
1/15	-1.39E+04	-2.43E+05	2.41E+05	-2.42E+05	2.40E+05	-3.42E+06	3.80E+06
1/10	-3.11E+04	-3.77E+05	3.68E+05	-3.75E+05	3.66E+05	-3.44E+06	3.97E+06

Table R-1758. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-71.5	-6.22E+04	6.02E+04	-5.97E+04	5.74E+04	-3.58E+06	3.45E+06
1/20	3.77E+03	-1.87E+05	1.71E+05	-1.79E+05	1.63E+05	-3.66E+06	3.19E+06
1/15	1.16E+04	-2.56E+05	2.28E+05	-2.34E+05	2.12E+05	-3.69E+06	3.01E+06
1/10	8.56E+04	-3.37E+05	6.31E+05	-2.94E+05	3.76E+05	-3.79E+06	2.90E+06

Table R-1759. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1760. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-747.	-4.98E+04	4.17E+04	-4.89E+04	4.12E+04	-2.89E+06	2.52E+06
1/20	2.69E+03	-1.81E+05	1.51E+05	-1.76E+05	1.48E+05	-3.58E+06	2.91E+06
1/15	5.59E+03	-2.62E+05	2.28E+05	-2.56E+05	2.17E+05	-3.93E+06	3.18E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

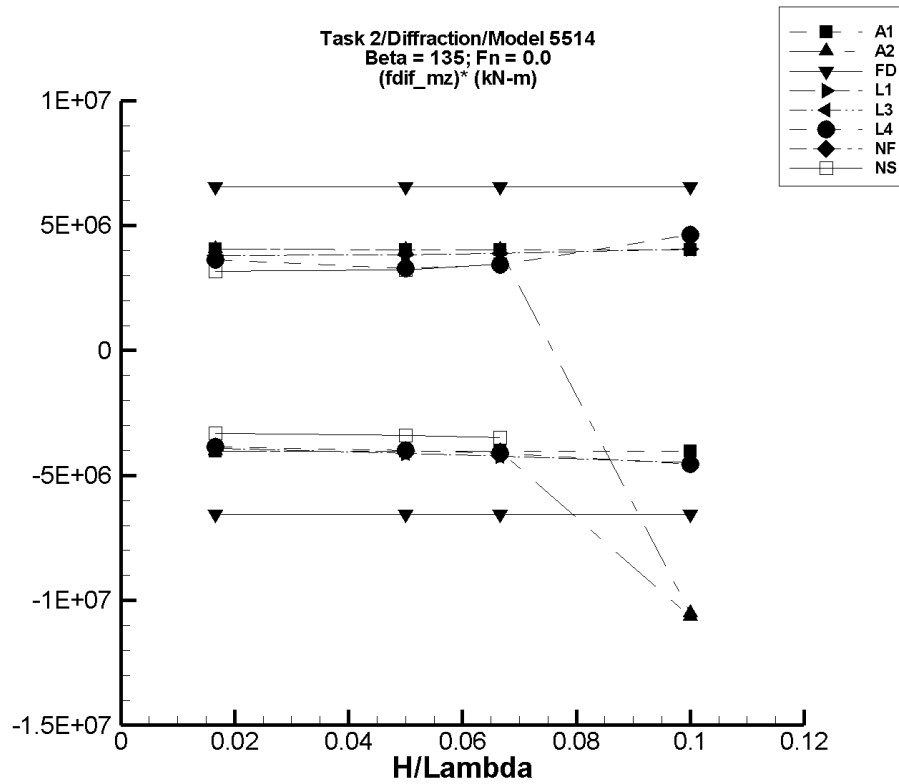


Figure R-221. Minimum and Maximum of $(M_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.0.

Table R-1761. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered Min. (kN-m)	$(M_z^{\text{dif}})^*$ Max. (kN-m)
1/60	13.4	-6.79E+04	6.83E+04	-6.73E+04	6.75E+04	-4.04E+06	4.05E+06
1/20	40.0	-2.03E+05	2.04E+05	-2.01E+05	2.02E+05	-4.03E+06	4.04E+06
1/15	53.3	-2.71E+05	2.72E+05	-2.68E+05	2.69E+05	-4.02E+06	4.03E+06
1/10	80.0	-4.06E+05	4.09E+05	-4.03E+05	4.04E+05	-4.03E+06	4.04E+06

Table R-1762. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered Min. (kN-m)	$(M_z^{\text{dif}})^*$ Max. (kN-m)
1/60	13.4	-6.79E+04	6.83E+04	-6.73E+04	6.75E+04	-4.04E+06	4.05E+06
1/20	40.0	-2.03E+05	2.04E+05	-2.01E+05	2.02E+05	-4.03E+06	4.04E+06
1/15	53.3	-2.71E+05	2.72E+05	-2.68E+05	2.69E+05	-4.02E+06	4.03E+06
1/10	1.32E+06	2.54E+05	2.68E+05	2.54E+05	2.68E+05	-1.06E+07	-1.05E+07

Table R-1763. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered Min. (kN-m)	$(M_z^{\text{dif}})^*$ Max. (kN-m)
1/60	3.68	-1.11E+05	1.11E+05	-1.09E+05	1.09E+05	-6.56E+06	6.56E+06
1/20	11.1	-3.32E+05	3.32E+05	-3.28E+05	3.28E+05	-6.56E+06	6.56E+06
1/15	14.7	-4.42E+05	4.42E+05	-4.37E+05	4.37E+05	-6.56E+06	6.56E+06
1/10	22.2	-6.63E+05	6.63E+05	-6.56E+05	6.56E+05	-6.56E+06	6.56E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R-1764. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered ($M_z^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	205.	-6.53E+04	6.40E+04	-6.51E+04	6.37E+04	-3.92E+06	3.81E+06
1/20	1.82E+03	-2.05E+05	1.94E+05	-2.04E+05	1.93E+05	-4.11E+06	3.83E+06
1/15	3.23E+03	-2.80E+05	2.63E+05	-2.79E+05	2.62E+05	-4.23E+06	3.88E+06
1/10	7.26E+03	-4.45E+05	4.14E+05	-4.42E+05	4.12E+05	-4.49E+06	4.05E+06

Table R-1765. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered ($M_z^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	205.	-6.53E+04	6.40E+04	-6.51E+04	6.37E+04	-3.92E+06	3.81E+06
1/20	1.82E+03	-2.05E+05	1.94E+05	-2.04E+05	1.93E+05	-4.11E+06	3.83E+06
1/15	3.23E+03	-2.80E+05	2.63E+05	-2.79E+05	2.62E+05	-4.23E+06	3.88E+06
1/10	7.26E+03	-4.45E+05	4.14E+05	-4.42E+05	4.12E+05	-4.49E+06	4.05E+06

Table R-1766. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered ($M_z^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	410.	-6.50E+04	6.45E+04	-6.40E+04	6.06E+04	-3.86E+06	3.61E+06
1/20	7.24E+03	-1.99E+05	1.78E+05	-1.93E+05	1.72E+05	-4.00E+06	3.29E+06
1/15	1.54E+04	-2.76E+05	2.56E+05	-2.58E+05	2.43E+05	-4.11E+06	3.42E+06
1/10	4.89E+04	-6.78E+05	5.37E+05	-4.06E+05	5.13E+05	-4.55E+06	4.64E+06

Table R-1767. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1768. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-374.	-5.57E+04	5.33E+04	-5.56E+04	5.24E+04	-3.31E+06	3.17E+06
1/20	3.77E+03	-1.68E+05	1.68E+05	-1.67E+05	1.65E+05	-3.41E+06	3.22E+06
1/15	7.91E+03	-2.26E+05	2.42E+05	-2.25E+05	2.38E+05	-3.49E+06	3.45E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

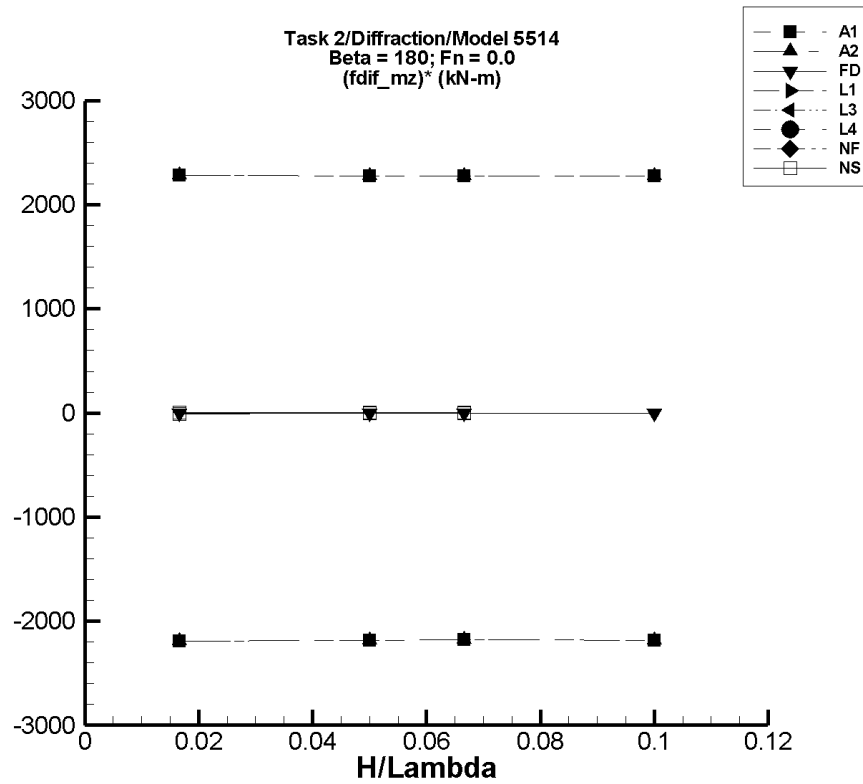


Figure R-222. Minimum and Maximum of $(M_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.0.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1769. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-0.133	-37.1	38.0	-36.6	37.9	-2.19E+03	2.28E+03
1/20	-0.397	-111.	114.	-110.	114.	-2.18E+03	2.28E+03
1/15	-0.528	-148.	152.	-146.	151.	-2.18E+03	2.28E+03
1/10	-0.793	-222.	228.	-219.	227.	-2.18E+03	2.28E+03

Table R-1770. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-0.133	-37.1	38.0	-36.6	37.9	-2.19E+03	2.28E+03
1/20	-0.397	-111.	114.	-110.	114.	-2.18E+03	2.28E+03
1/15	-0.528	-148.	152.	-146.	151.	-2.18E+03	2.28E+03
1/10	-0.793	-222.	228.	-219.	227.	-2.18E+03	2.28E+03

Table R-1771. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-4.08E-07	-1.23E-02	1.24E-02	-1.22E-02	1.22E-02	-0.733	0.733
1/20	-1.22E-06	-3.70E-02	3.71E-02	-3.66E-02	3.66E-02	-0.733	0.733
1/15	-1.63E-06	-4.94E-02	4.94E-02	-4.89E-02	4.89E-02	-0.733	0.733
1/10	-2.45E-06	-7.41E-02	7.41E-02	-7.33E-02	7.33E-02	-0.733	0.733

TASK 2/DIFFRACTION/MODEL 5514

Table R-1772. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1773. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1774. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1775. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1776. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-1.65E-03	-4.18	4.14	-0.112	8.39E-02	-6.63	5.13
1/20	1.25E-03	-4.68	4.77	-0.135	0.151	-2.72	2.99
1/15	1.86E-02	-0.994	1.04	-0.108	0.191	-1.89	2.58
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

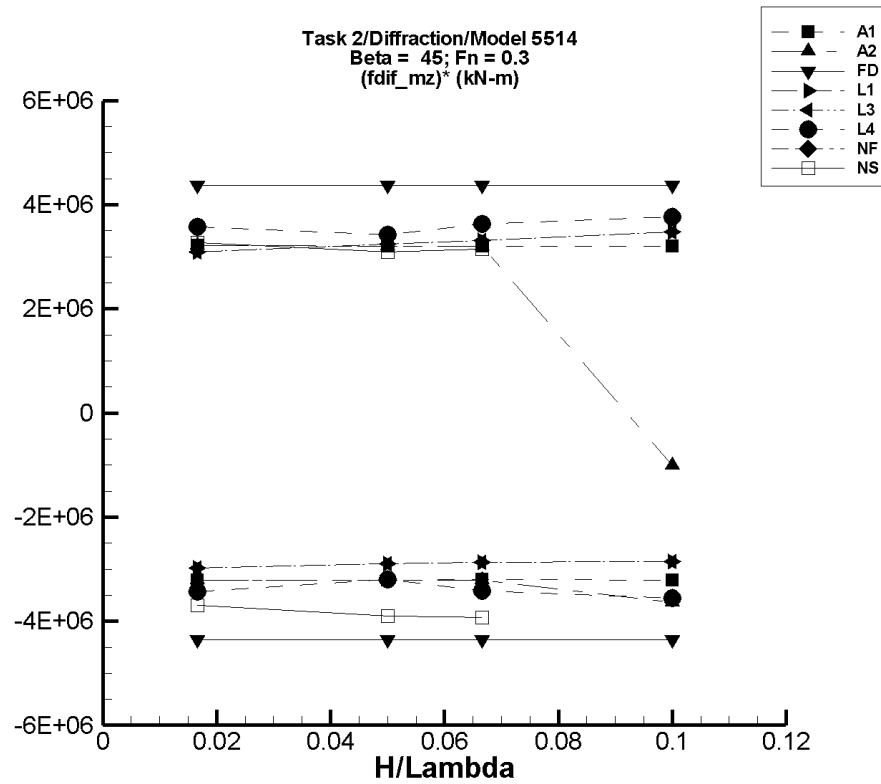


Figure R-223. Minimum and Maximum of $(M_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 45° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1777. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-3.78	-5.38E+04	5.38E+04	-5.36E+04	5.36E+04	-3.22E+06	3.22E+06
1/20	-11.3	-1.61E+05	1.61E+05	-1.60E+05	1.60E+05	-3.21E+06	3.21E+06
1/15	-15.0	-2.14E+05	2.14E+05	-2.14E+05	2.14E+05	-3.20E+06	3.20E+06
1/10	-22.6	-3.22E+05	3.22E+05	-3.21E+05	3.21E+05	-3.21E+06	3.21E+06

Table R-1778. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-3.78	-5.38E+04	5.38E+04	-5.36E+04	5.36E+04	-3.22E+06	3.22E+06
1/20	-11.3	-1.61E+05	1.61E+05	-1.60E+05	1.60E+05	-3.21E+06	3.21E+06
1/15	393.	-2.14E+05	2.14E+05	-2.14E+05	2.14E+05	-3.21E+06	3.20E+06
1/10	3.71E+05	4.76E+03	2.73E+05	7.83E+03	2.71E+05	-3.64E+06	-1.01E+06

Table R-1779. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-52.7	-7.29E+04	7.29E+04	-7.27E+04	7.28E+04	-4.36E+06	4.37E+06
1/20	-158.	-2.19E+05	2.19E+05	-2.18E+05	2.18E+05	-4.36E+06	4.37E+06
1/15	-211.	-2.92E+05	2.92E+05	-2.91E+05	2.91E+05	-4.36E+06	4.37E+06
1/10	-317.	-4.38E+05	4.38E+05	-4.36E+05	4.37E+05	-4.36E+06	4.37E+06

Table R-1780. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-297.	-5.00E+04	5.14E+04	-4.99E+04	5.13E+04	-2.98E+06	3.10E+06
1/20	-2.70E+03	-1.47E+05	1.59E+05	-1.47E+05	1.59E+05	-2.89E+06	3.24E+06
1/15	-4.80E+03	-1.96E+05	2.16E+05	-1.96E+05	2.16E+05	-2.87E+06	3.31E+06
1/10	-1.08E+04	-2.96E+05	3.37E+05	-2.96E+05	3.37E+05	-2.85E+06	3.47E+06

Table R-1781. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-298.	-4.99E+04	5.14E+04	-4.99E+04	5.13E+04	-2.98E+06	3.10E+06
1/20	-2.70E+03	-1.47E+05	1.59E+05	-1.47E+05	1.59E+05	-2.89E+06	3.24E+06
1/15	-4.80E+03	-1.96E+05	2.16E+05	-1.96E+05	2.16E+05	-2.87E+06	3.31E+06
1/10	-1.08E+04	-2.96E+05	3.37E+05	-2.96E+05	3.37E+05	-2.85E+06	3.47E+06

Table R-1782. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	2.85E+03	-5.79E+04	6.43E+04	-5.44E+04	6.24E+04	-3.43E+06	3.57E+06
1/20	2.36E+04	-1.39E+05	2.08E+05	-1.37E+05	1.95E+05	-3.20E+06	3.42E+06
1/15	4.39E+04	-1.87E+05	3.16E+05	-1.84E+05	2.86E+05	-3.42E+06	3.62E+06
1/10	1.08E+05	-3.94E+05	8.11E+05	-2.48E+05	4.85E+05	-3.56E+06	3.77E+06

Table R-1783. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1784. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 45° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-5.22E+03	-6.74E+04	4.98E+04	-6.67E+04	4.94E+04	-3.69E+06	3.28E+06
1/20	-3.87E+04	-2.38E+05	1.16E+05	-2.34E+05	1.16E+05	-3.90E+06	3.10E+06
1/15	-6.08E+04	-3.25E+05	1.51E+05	-3.22E+05	1.49E+05	-3.92E+06	3.15E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

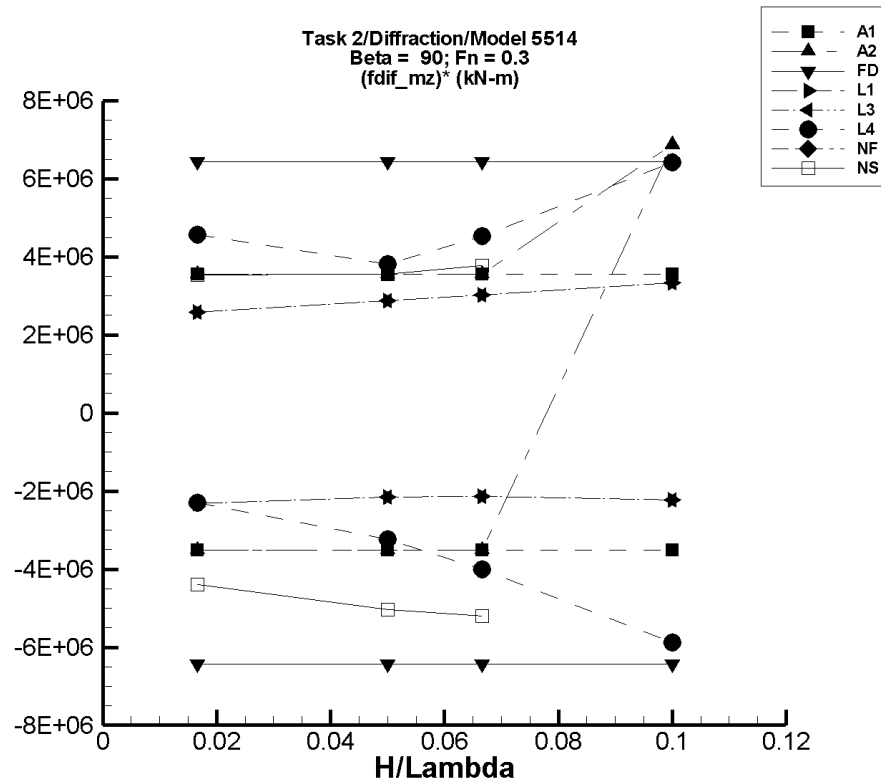


Figure R-224. Minimum and Maximum of $(M_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 90° and Froude number 0.3.

Table R-1785. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif} Min. (kN-m)	Unfiltered M_z^{dif} Max. (kN-m)	Filtered M_z^{dif} Min. (kN-m)	Filtered M_z^{dif} Max. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Min. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Max. (kN-m)
1/60	-61.6	-5.94E+04	5.99E+04	-5.87E+04	5.93E+04	-3.52E+06	3.56E+06
1/20	-184.	-1.78E+05	1.79E+05	-1.76E+05	1.77E+05	-3.51E+06	3.55E+06
1/15	-246.	-2.37E+05	2.39E+05	-2.34E+05	2.36E+05	-3.50E+06	3.55E+06
1/10	-369.	-3.56E+05	3.59E+05	-3.51E+05	3.55E+05	-3.51E+06	3.55E+06

Table R-1786. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif} Min. (kN-m)	Unfiltered M_z^{dif} Max. (kN-m)	Filtered M_z^{dif} Min. (kN-m)	Filtered M_z^{dif} Max. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Min. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Max. (kN-m)
1/60	-61.6	-5.94E+04	5.99E+04	-5.87E+04	5.93E+04	-3.52E+06	3.56E+06
1/20	-184.	-1.78E+05	1.79E+05	-1.76E+05	1.77E+05	-3.51E+06	3.55E+06
1/15	-246.	-2.37E+05	2.39E+05	-2.34E+05	2.36E+05	-3.50E+06	3.55E+06
1/10	-3.30E+05	3.55E+05	3.57E+05	3.55E+05	3.57E+05	6.85E+06	6.87E+06

Table R-1787. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif} Min. (kN-m)	Unfiltered M_z^{dif} Max. (kN-m)	Filtered M_z^{dif} Min. (kN-m)	Filtered M_z^{dif} Max. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Min. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Max. (kN-m)
1/60	-2.16	-1.08E+05	1.08E+05	-1.07E+05	1.07E+05	-6.43E+06	6.43E+06
1/20	-6.49	-3.25E+05	3.25E+05	-3.22E+05	3.21E+05	-6.43E+06	6.43E+06
1/15	-8.68	-4.34E+05	4.34E+05	-4.29E+05	4.29E+05	-6.43E+06	6.43E+06
1/10	-13.0	-6.50E+05	6.50E+05	-6.43E+05	6.43E+05	-6.43E+06	6.43E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R-1788. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif} Min. (kN-m)	Unfiltered M_z^{dif} Max. (kN-m)	Filtered M_z^{dif} Min. (kN-m)	Filtered M_z^{dif} Max. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Min. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Max. (kN-m)
1/60	810.	-3.79E+04	4.40E+04	-3.78E+04	4.38E+04	-2.32E+06	2.58E+06
1/20	7.29E+03	-1.00E+05	1.52E+05	-1.00E+05	1.51E+05	-2.14E+06	2.87E+06
1/15	1.30E+04	-1.30E+05	2.16E+05	-1.29E+05	2.15E+05	-2.13E+06	3.03E+06
1/10	2.92E+04	-1.94E+05	3.65E+05	-1.93E+05	3.62E+05	-2.22E+06	3.33E+06

Table R-1789. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif} Min. (kN-m)	Unfiltered M_z^{dif} Max. (kN-m)	Filtered M_z^{dif} Min. (kN-m)	Filtered M_z^{dif} Max. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Min. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Max. (kN-m)
1/60	809.	-3.79E+04	4.40E+04	-3.78E+04	4.38E+04	-2.32E+06	2.58E+06
1/20	7.29E+03	-1.00E+05	1.52E+05	-1.00E+05	1.51E+05	-2.14E+06	2.87E+06
1/15	1.30E+04	-1.30E+05	2.16E+05	-1.29E+05	2.15E+05	-2.13E+06	3.03E+06
1/10	2.92E+04	-1.94E+05	3.65E+05	-1.93E+05	3.62E+05	-2.22E+06	3.33E+06

Table R-1790. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif} Min. (kN-m)	Unfiltered M_z^{dif} Max. (kN-m)	Filtered M_z^{dif} Min. (kN-m)	Filtered M_z^{dif} Max. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Min. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Max. (kN-m)
1/60	3.72E+03	-3.95E+04	8.23E+04	-3.47E+04	7.99E+04	-2.31E+06	4.57E+06
1/20	3.49E+04	-1.31E+05	2.39E+05	-1.27E+05	2.25E+05	-3.24E+06	3.81E+06
1/15	6.38E+04	-2.11E+05	3.73E+05	-2.03E+05	3.65E+05	-4.00E+06	4.52E+06
1/10	1.57E+05	-4.46E+05	1.10E+06	-4.31E+05	7.99E+05	-5.88E+06	6.42E+06

Table R-1791. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1792. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 90° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-9.77E+03	-8.42E+04	4.97E+04	-8.29E+04	4.92E+04	-4.39E+06	3.54E+06
1/20	-6.93E+04	-3.33E+05	1.12E+05	-3.21E+05	1.08E+05	-5.04E+06	3.55E+06
1/15	-1.09E+05	-4.65E+05	1.45E+05	-4.56E+05	1.43E+05	-5.20E+06	3.78E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

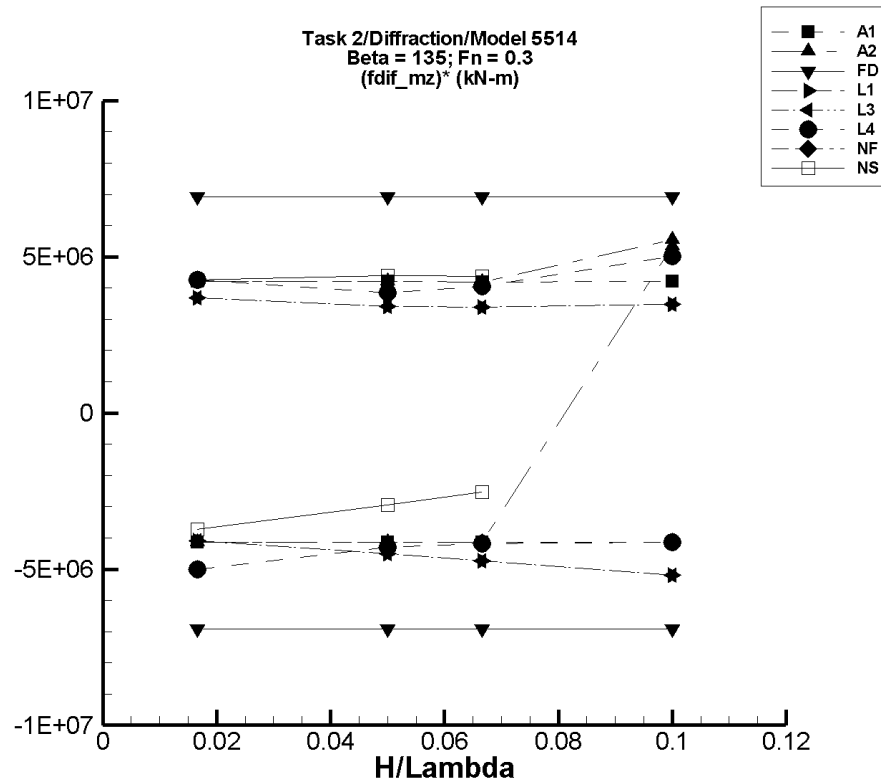


Figure R-225. Minimum and Maximum of $(M_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 135° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R-1793. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	83.2	-7.10E+04	7.22E+04	-6.90E+04	7.03E+04	-4.15E+06	4.21E+06
1/20	249.	-2.12E+05	2.16E+05	-2.06E+05	2.10E+05	-4.13E+06	4.20E+06
1/15	331.	-2.83E+05	2.88E+05	-2.75E+05	2.80E+05	-4.13E+06	4.20E+06
1/10	498.	-4.25E+05	4.32E+05	-4.13E+05	4.21E+05	-4.13E+06	4.20E+06

Table R-1794. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	83.2	-7.10E+04	7.22E+04	-6.90E+04	7.03E+04	-4.15E+06	4.21E+06
1/20	249.	-2.12E+05	2.16E+05	-2.06E+05	2.10E+05	-4.13E+06	4.20E+06
1/15	331.	-2.83E+05	2.88E+05	-2.75E+05	2.80E+05	-4.13E+06	4.20E+06
1/10	-1.68E+05	3.67E+05	3.86E+05	3.67E+05	3.86E+05	5.35E+06	5.54E+06

Table R-1795. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered Min. (kN-m)	M_z^{dif} Max. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Min. (kN-m)	Max. (kN-m)
1/60	-87.4	-1.18E+05	1.18E+05	-1.15E+05	1.15E+05	-6.92E+06	6.93E+06
1/20	-262.	-3.55E+05	3.55E+05	-3.46E+05	3.46E+05	-6.92E+06	6.93E+06
1/15	-349.	-4.74E+05	4.74E+05	-4.61E+05	4.61E+05	-6.92E+06	6.93E+06
1/10	-524.	-7.10E+05	7.10E+05	-6.92E+05	6.92E+05	-6.92E+06	6.93E+06

TASK 2/DIFFRACTION/MODEL 5514

Table R-1796. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif} Min. (kN-m)	Unfiltered M_z^{dif} Max. (kN-m)	Filtered M_z^{dif} Min. (kN-m)	Filtered M_z^{dif} Max. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Min. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Max. (kN-m)
1/60	1.16E+03	-6.77E+04	6.32E+04	-6.69E+04	6.27E+04	-4.09E+06	3.69E+06
1/20	1.03E+04	-2.19E+05	1.83E+05	-2.16E+05	1.81E+05	-4.52E+06	3.42E+06
1/15	1.83E+04	-3.02E+05	2.46E+05	-2.98E+05	2.43E+05	-4.74E+06	3.38E+06
1/10	4.11E+04	-4.87E+05	3.93E+05	-4.78E+05	3.88E+05	-5.19E+06	3.47E+06

Table R-1797. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif} Min. (kN-m)	Unfiltered M_z^{dif} Max. (kN-m)	Filtered M_z^{dif} Min. (kN-m)	Filtered M_z^{dif} Max. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Min. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Max. (kN-m)
1/60	1.16E+03	-6.77E+04	6.32E+04	-6.69E+04	6.27E+04	-4.09E+06	3.69E+06
1/20	1.03E+04	-2.19E+05	1.83E+05	-2.16E+05	1.81E+05	-4.52E+06	3.42E+06
1/15	1.83E+04	-3.02E+05	2.46E+05	-2.98E+05	2.43E+05	-4.74E+06	3.38E+06
1/10	4.10E+04	-4.87E+05	3.93E+05	-4.78E+05	3.88E+05	-5.19E+06	3.47E+06

Table R-1798. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif} Min. (kN-m)	Unfiltered M_z^{dif} Max. (kN-m)	Filtered M_z^{dif} Min. (kN-m)	Filtered M_z^{dif} Max. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Min. (kN-m)	Filtered $(M_z^{\text{dif}})^*$ Max. (kN-m)
1/60	5.24E+03	-8.15E+04	8.01E+04	-7.81E+04	7.63E+04	-5.00E+06	4.26E+06
1/20	3.28E+04	-1.88E+05	2.32E+05	-1.82E+05	2.25E+05	-4.30E+06	3.85E+06
1/15	5.81E+04	-2.31E+05	3.61E+05	-2.21E+05	3.29E+05	-4.18E+06	4.06E+06
1/10	1.33E+05	-4.44E+05	7.18E+05	-2.80E+05	6.34E+05	-4.13E+06	5.01E+06

Table R-1799. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1800. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 135° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-6.27E+03	-6.88E+04	6.64E+04	-6.83E+04	6.49E+04	-3.72E+06	4.27E+06
1/20	-4.22E+04	-1.95E+05	1.83E+05	-1.90E+05	1.77E+05	-2.95E+06	4.39E+06
1/15	-6.40E+04	-2.42E+05	2.32E+05	-2.33E+05	2.27E+05	-2.53E+06	4.37E+06
1/10	—	—	—	—	—	—	—

TASK 2/DIFFRACTION/MODEL 5514

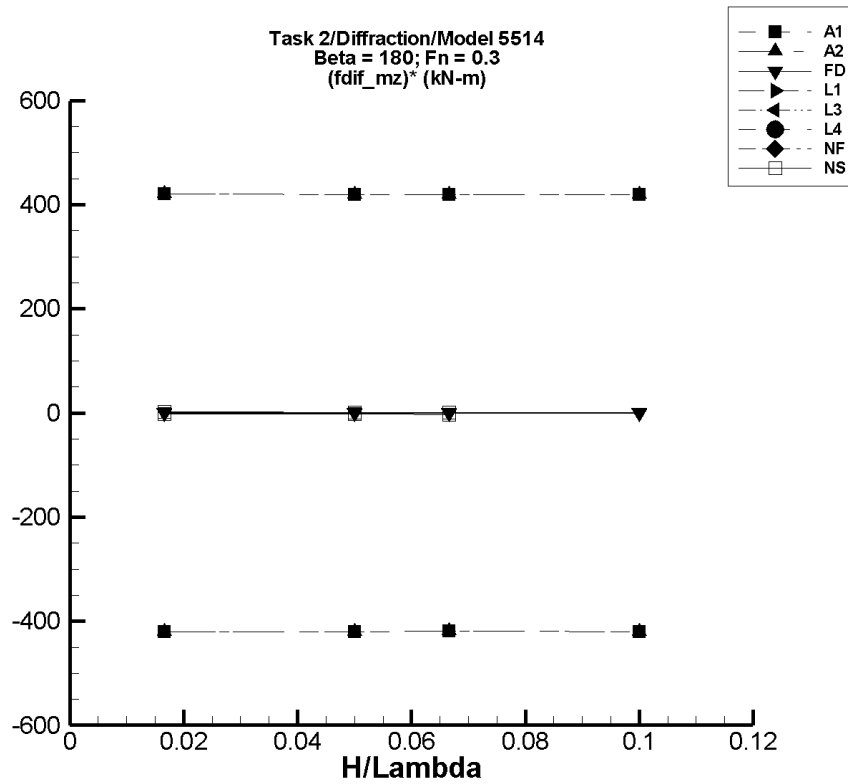


Figure R-226. Minimum and Maximum of $(M_z^{\text{dif}})^*$ Versus H/λ for Prescribed 0-DOF Motion of Model 5514 ($L = 142$ m) in Waves at Heading 180° and Froude number 0.3.

TASK 2/DIFFRACTION/MODEL 5514

Table R–1801. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-1.

AEGIR-1							
H/λ	$\langle M_z^{\text{dif}} \rangle$	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.22E-02	-7.88	7.33	-6.94	7.09	-421.	421.
1/20	0.216	-23.6	21.9	-20.8	21.2	-420.	420.
1/15	0.288	-31.4	29.2	-27.7	28.2	-419.	419.
1/10	0.432	-47.1	43.8	-41.5	42.4	-420.	420.

Table R–1802. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from AEGIR-2.

AEGIR-2							
H/λ	$\langle M_z^{\text{dif}} \rangle$	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	7.22E-02	-7.88	7.33	-6.94	7.09	-421.	421.
1/20	0.216	-23.6	21.9	-20.8	21.2	-420.	420.
1/15	0.288	-31.4	29.2	-27.7	28.2	-419.	419.
1/10	0.432	-47.1	43.8	-41.5	42.4	-420.	420.

Table R–1803. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from FREDYN.

FREDYN							
H/λ	$\langle M_z^{\text{dif}} \rangle$	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-2.20E-05	-1.35E-02	1.35E-02	-1.31E-02	1.31E-02	-0.783	0.785
1/20	-6.61E-05	-4.06E-02	4.06E-02	-3.92E-02	3.92E-02	-0.783	0.785
1/15	-8.82E-05	-5.41E-02	5.41E-02	-5.23E-02	5.23E-02	-0.783	0.785
1/10	-1.32E-04	-8.12E-02	8.11E-02	-7.84E-02	7.84E-02	-0.783	0.785

TASK 2/DIFFRACTION/MODEL 5514

Table R-1804. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-1.

LAMP-1							
H/λ	$\langle M_z^{\text{dif}} \rangle$	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1805. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-3.

LAMP-3							
H/λ	$\langle M_z^{\text{dif}} \rangle$	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R-1806. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from LAMP-4.

LAMP-4							
H/λ	$\langle M_z^{\text{dif}} \rangle$	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
	Mean (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–1807. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NFA.

NFA							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	—	—	—	—	—	—	—
1/20	—	—	—	—	—	—	—
1/15	—	—	—	—	—	—	—
1/10	—	—	—	—	—	—	—

Table R–1808. Minimum and Maximum of M_z^{dif} for Prescribed 0-DOF Motion in Waves of Model 5514 (L = 142 m) in Waves at Heading 180° and Froude number 0.0 from NSHIPMO.

NSHIPMO							
H/λ	$\langle M_z^{\text{dif}} \rangle$ Mean (kN-m)	Unfiltered M_z^{dif}		Filtered M_z^{dif}		Filtered $(M_z^{\text{dif}})^*$	
		Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)	Min. (kN-m)	Max. (kN-m)
1/60	-7.26E-04	-0.150	0.166	-2.71E-02	3.37E-02	-1.58	2.06
1/20	-3.98E-04	-0.360	0.395	-9.88E-02	4.19E-02	-1.97	0.847
1/15	8.35E-03	-0.753	0.715	-0.172	0.104	-2.71	1.43
1/10	—	—	—	—	—	—	—